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INTRODUCTION

At the request of COMNAVFORV, the U.S. Naval Branch Oceanographic Office, Saigon, prepared tidal predictions for Vietnam for 1967 and 1968. Since 1969, the tables have been prepared at the Naval Oceanographic Office (NAVOCEANO). These annual tables are based largely on the French tide tables for the area. The reference stations are conversions of the French. The secondary station corrections were obtained from historical data provided by the Vietnamese Directorate of Navigation and by the United Nations Mekong Delta Commission. Further modifications were generated by observations of the NAVOCEANO Riverine Survey Team.

Users of this report are requested to evaluate the usefullness and applicability of the tide tables. Comments may be forwarded to the U.S. Naval Oceanographic Office, Washington, D.C. 20390.

INSTRUCTIONS FOR USE OF TIDE TABLES

GENERAL: These tables contain the predicted times and heights of the high and low waters for each day at Cap Saint-Jacques, Qui Nhon, Da Nang (Tourane), and Do Son. By utilizing the local corrections for any specific place, the approximate times and heights of the tides can be determined. High water is the maximum height reached by each rising tide, and low water is the minimum height reached by each falling tide. These figures are to be added to/or subtracted from the charted depth which is computed for approximate lowest low water. For any time between high and low water, the height of the tide may be estimated from the heights of the preceding and following tides.

NOTE: ALL HEIGHTS GIVEN IN THESE TABLES ARE IN FEET AND METERS, AND ALL TIMES ARE IN -8 (Hotel) TIME ZONE.

VARIATION IN WATER LEVEL: Onshore winds and/or low barometric pressure will generally result in tides higher than those predicted. Conversely, offshore winds and/or high barometric pressure will result in lower tides than predicted. At stations situated on tidal rivers, the average seasonal variation in river level, due to freshets and droughts, may be considerably more than a foot. Tide predictions for these stations allow for this seasonal variation by including average freshet and drought conditions. UNUSUAL freshets or droughts, however, will cause the tides to be higher or lower, respectively, than predicted.

NOTE: THE TIME OF SLACK WATER MAY DIFFER BY SEVERAL HOURS FROM THE TIME OF HIGH OR LOW WATER STAND IN TIDAL RIVER AREAS.

NUMBER OF TIDES: There are usually two high and two low waters in a day. Tides follow the moon more closely than they follow the sun, and the lunar or tidal day is about 50 minutes longer than the solar day. This causes the tide to occur later each day, and a tide which has occurred near the end of one calendar day will be followed by a corresponding tide that may skip the next day and occur in the early morning of the third day. Thus, on certain days of each month, only a single high or a single low water occurs. At some stations, during portions of each month, the tide becomes diurnal - that is, only one high and one low water will occur during the period of a lunar day.

SUNRISE/SUNSET: All times in these tables are based on the predicted times for Saigon. Sunrise/sunset correction factors, which are monthly averages, may vary ± 10 minutes. Phases are indicated in the Sunrise/Sunset tables in the following manner:

●	New Moon	A	Apogee
◐	First Quarter	P	Perigee
○	Full Moon	S	Solstice
◑	Last Quarter		

HOW TO DETERMINE HEIGHT OF TIDE AT ANY TIME

GRAPHICAL METHOD: If the height of the tide is required for a number of times on a certain day, the full tide curve for the day may be obtained by the "one-quarter, one-tenth" rule. The procedure is as follows:

1. On cross section paper plot the high and low water points in the order of their occurrence for the day, measuring time horizontally and height vertically. These are the basic points for the curve.

2. Draw light straight lines connecting the points representing successive high and low waters.

3. Divide each of these straight lines into four equal parts. The halfway point of each line gives another point for the curve.

4. At the quarter point adjacent to high water, draw a vertical line above the point and at a quarter point adjacent to low water draw a vertical line below the point, making the length of these lines equal to one-tenth of the range between the high and low waters used. The points marking the ends of these vertical lines give two additional intermediate points for the curve.

5. Draw a smooth curve through the points of high and low waters and the intermediate points, making the curve well rounded near high and low waters. This curve will approximate the actual tide curve and heights for any time of day and may be readily scaled from it.

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CAUTION: This method is based on the assumption that the rise and fall conform to simple cosine curve; therefore, the heights obtained will be approximate. The roughness of the approximation will vary as the tide curve differs from a cosine curve.

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REFERENCES

Josephson, Julian. 1968. Tidal Comparisions in the Mekong Delta. IR No. 68-16. UNPUBLISHED MANUSCRIPT. U.S. Naval Oceanographic Office. Washington, D.C.

_____, and Burns, Donald A. 1968. Tidal Depth Sounding Corrections for the Mekong Delta. IR No. 68-11. UNPUBLISHED MANUSCRIPT. U.S. Naval Oceanographic Office. Washington, D. C.

Service Hydrographique De La Marine. Annuaire Des Marees Pour L'an 1972 Tome II Ports D'Outre - Mer No. 571A. Paris, France.

U.S. Coast and Geodetic Survey. Issued 1971. Tide Tables, High and Low Water Predictions, 1972, Central and Western Pacific Ocean and Indian Ocean. U.S. Coast and Geodetic Survey. Washington, D.C.

U.S. Naval Observatory. The American Ephemeris and Nautical Almanac, 1972. U.S. Government Printing Office. Washington, D.C.

U.S. Naval Oceanographic Office. 1969. Tide Tables, High and Low Water Predictions, Republic of Vietnam. UNPUBLISHED MANUSCRIPT. U.S. Naval Oceanographic Office. Washington, D.C.

CONVERSION TABLE

FEET TO METERS

FEET	0	.1	.2	.3	.4	.5	.6	.7	.8	.9
	EQUALS METERS									
0+	0	0.03	0.06	0.09	0.12	0.15	0.18	0.21	0.24	0.27
1+	0.30	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.54	0.57
2+	0.61	0.64	0.67	0.70	0.73	0.76	0.79	0.82	0.85	0.88
3+	0.91	0.94	0.97	1.00	1.03	1.06	1.09	1.12	1.15	1.18
4+	1.22	1.25	1.28	1.31	1.34	1.37	1.40	1.43	1.46	1.49
5+	1.52	1.55	1.58	1.61	1.64	1.67	1.70	1.73	1.76	1.79
6+	1.83	1.86	1.89	1.92	1.95	1.98	2.01	2.04	2.07	2.10
7+	2.13	2.16	2.19	2.22	2.25	2.28	2.31	2.34	2.37	2.40
8+	2.44	2.47	2.50	2.53	2.56	2.59	2.62	2.65	2.68	2.71
9+	2.74	2.77	2.80	2.83	2.86	2.89	2.92	2.95	2.98	3.01
10+	3.05	3.08	3.11	3.14	3.17	3.20	3.23	3.26	3.29	3.32
11+	3.35	3.38	3.41	3.44	3.47	3.50	3.53	3.56	3.59	3.62
12+	3.66	3.69	3.72	3.75	3.78	3.81	3.84	3.87	3.90	3.93
13+	3.96	3.99	4.02	4.05	4.08	4.11	4.14	4.17	4.20	4.23
14+	4.27	4.30	4.33	4.36	4.39	4.42	4.45	4.48	4.51	4.54
15+	4.57	4.60	4.63	4.66	4.69	4.72	4.75	4.78	4.81	4.84

FOR EXAMPLE: 7.5 feet equals 2.28 meters.

SUNRISE AND SUNSET (SAIGON) - 1972

JANUARY				FEBRUARY				MARCH			
DATE	RISE H.M.	SET H.M.	PHASE	DATE	RISE H.M.	SET H.M.	PHASE	DATE	RISE H.M.	SET H.M.	PHASE
1	0710	1842		1	0716	1858		1	0707	1904	
2	0711	1843		2	0716	1858		2	0707	1904	
3	0711	1843		3	0715	1859		3	0706	1904	
4	0712	1844		4	0715	1859		4	0706	1904	
5	0712	1844		5	0715	1859		5	0705	1904	A
6	0712	1845		6	0715	1859	A	6	0705	1904	
7	0713	1846		7	0715	1900	◐	7	0704	1904	
8	0713	1846	◐	8	0714	1900		8	0704	1904	◐
9	0714	1847	A	9	0714	1900		9	0703	1904	
10	0714	1847		10	0714	1900		10	0703	1904	
11	0714	1847		11	0714	1900		11	0702	1904	
12	0714	1848		12	0713	1901		12	0702	1904	
13	0715	1848		13	0713	1901		13	0701	1904	
14	0715	1849		14	0713	1901		14	0701	1904	
15	0715	1849		15	0713	1901	●	15	0700	1904	●
16	0715	1850	●	16	0712	1901		16	0700	1904	
17	0715	1850		17	0712	1902		17	0659	1904	P
18	0716	1851		18	0712	1902	P	18	0659	1804	
19	0716	1851		19	0712	1902		19	0658	1904	
20	0716	1852		20	0711	1902		20	0657	1904	E
21	0716	1852		21	0711	1902		21	0657	1904	
22	0716	1853	P	22	0711	1903	◐	22	0656	1904	●
23	0716	1853	◐	23	0710	1903		23	0655	1904	
24	0716	1854		24	0710	1903		24	0655	1904	
25	0716	1854		25	0710	1903		25	0654	1904	
26	0716	1855		26	0709	1903		26	0654	1904	
27	0716	1855		27	0709	1903		27	0653	1904	
28	0716	1856		28	0708	1904		28	0653	1904	
29	0716	1856		29	0708	1904	O	29	0652	1904	
30	0716	1857	O					30	0651	1904	O
31	0716	1857						31	0651	1904	

SUNRISE AND SUNSET (SAIGON) - 1972

APRIL				MAY				JUNE			
DATE	RISE H.M.	SET H.M.	PHASE	DATE	RISE H.M.	SET H.M.	PHASE	DATE	RISE H.M.	SET H.M.	PHASE
1	0651	1904	A	1	0630	1904		1	0630	1910	
2	0650	1904		2	0630	1905		2	0630	1911	
3	0650	1904		3	0630	1905		3	0630	1912	
4	0649	1904		4	0630	1905		4	0630	1913	
5	0649	1904		5	0630	1905		5	0630	1913	◐
6	0648	1904		6	0634	1905	◐	6	0630	1914	
7	0648	1904	◐	7	0634	1906		7	0630	1914	
8	0647	1904		8	0633	1906		8	0630	1915	
9	0646	1904		9	0633	1906		9	0630	1915	
10	0646	1904		10	0632	1906		10	0630	1915	P
11	0645	1904		11	0632	1906		11	0631	1915	●
12	0644	1903		12	0632	1906		12	0631	1915	
13	0644	1903		13	1631	1906	P●	13	0631	1915	
14	0643	1903	●P	14	0631	1906		14	0631	1915	
15	0643	1903		15	0631	1906		15	0631	1915	
16	0642	1903		16	0631	1906		16	0632	1916	
17	0642	1904		17	0630	1907		17	0632	1916	
18	0641	1904		18	0630	1907		18	0632	1916	
19	0641	1904		19	0630	1907		19	0632	1916	◐
20	0640	1904	◐	20	0630	1907	◐	20	0632	1916	
21	0639	1904		21	0630	1907		21	0633	1917	S
22	0639	1904		22	0630	1908		22	0633	1917	A
23	0638	1904		23	0630	1908		23	0633	1917	
24	0638	1904		24	0630	1908		24	0633	1917	
25	0638	1904		25	0630	1908	A	25	0633	1917	
26	0637	1904		26	0630	1908		26	0634	1918	
27	0637	1904		27	0630	1909		27	0634	1918	O
28	0636	1904	AO	28	0630	1909	O	28	0634	1918	
29	0636	1904		29	0630	1909		29	0634	1918	
30	0636	1904		30	0630	1909		30	0634	1918	
				31	0630	1910					

SUNRISE AND SUNSET (SAIGON) - 1972

JULY				AUGUST				SEPTEMBER			
DATE	RISE H.M.	SET H.M.	PHASE	DATE	RISE H.M.	SET H.M.	PHASE	DATE	RISE H.M.	SET H.M.	PHASE
1	0635	1919		1	0643	1916		1	0644	1902	
2	0635	1919		2	0643	1916	◑	2	0644	1902	
3	0635	1919		3	0643	1916	P	3	0644	1901	
4	0635	1919	◑	4	0643	1915		4	0643	1901	
5	0636	1919		5	0643	1915		5	0643	1900	
6	0636	1919		6	0643	1914		6	0643	1859	
7	0637	1919		7	0643	1914		7	0643	1859	
8	0637	1919	P	8	0643	1914		8	0643	1858	●
9	0637	1919		9	0643	1913	●	9	0643	1858	
10	0637	1919		10	0644	1913		10	0643	1857	
11	0638	1920	●	11	0644	1912		11	0643	1856	
12	0638	1920		12	0644	1912		12	0643	1856	
13	0638	1920		13	0644	1912		13	0643	1855	
14	0638	1920		14	0644	1911		14	0643	1855	
15	0638	1920		15	0644	1911		15	0643	1854	
16	0639	1919		16	0644	1910	A	16	0643	1853	◑
17	0639	1919		17	0644	1910	◑	17	0643	1853	
18	0639	1919	◑	18	0644	1909		18	0643	1852	
19	0639	1919		19	0644	1909		19	0642	1852	
20	0639	1919	A	20	0644	1908		20	0642	1851	
21	0640	1919		21	0644	1908		21	0642	1850	
22	0640	1919		22	0644	1907		22	0642	1850	
23	0640	1919		23	0644	1907		23	0642	1849	EO
24	0640	1919		24	0644	1906		24	0642	1847	
25	0640	1919		25	0644	1906	O	25	0642	1848	P
26	0641	1918	O	26	0644	1905		26	0642	1847	
27	0641	1918		27	0644	1905		27	0641	1846	
28	0641	1918		28	0644	1904		28	0641	1845	
29	0641	1918		29	0644	1904	P	29	0640	1845	
30	0642	1917		30	0644	1903		30	0640	1844	◑
31	0642	1917		31	0644	1903	◑				

SUNRISE AND SUNSET (SAIGON) - 1972

OCTOBER				NOVEMBER				DECEMBER			
DATE	RISE H.M.	SET H.M.	PHASE	DATE	RISE H.M.	SET H.M.	PHASE	DATE	RISE H.M.	SET H.M.	PHASE
1	0639	1844		1	0643	1830		1	0658	1829	
2	0639	1843		2	0643	1830		2	0658	1829	
3	0640	1842		3	0644	1829		3	0657	1829	
4	0640	1842		4	0644	1829		4	0657	1830	A
5	0641	1841		5	0644	1829		5	0658	1830	
6	0641	1841		6	0644	1829	●	6	0658	1830	●
7	0641	1840	●	7	0645	1829	A	7	0659	1831	
8	0641	1840		8	0645	1828		8	0659	1831	
9	0641	1839		9	0646	1828		9	0700	1831	
10	0641	1839		10	0646	1828		10	0700	1832	
11	0641	1838	A	11	0646	1828		11	0701	1832	
12	0641	1838		12	0647	1828		12	0701	1833	
13	0641	1837		13	0647	1827		13	0702	1833	
14	0642	1837		14	0648	1827	◐	14	0702		◐
15	0642	1836	◐	15	0648	1827		15	0703	1834	
16	0642	1836		16	0649	1827		16	0703	1834	
17	0642	1835		17	0649	1827		17	0703	1835	
18	0642	1835		18	0650	1827		18	0704	1835	
19	0642	1834		19	0650	1827		19	0704	1836	P
20	0642	1834		20	0651	1827		20	0705	1836	O
21	0642	1833		21	0651	1827	OP	21	0705	1837	
22	0642	1833	O	22	0652	1827		22	0706	1837	S
23	0642	1832	P	23	0652	1827		23	0706	1838	
24	0642	1832		24	0653	1827		24	0707	1838	
25	0642	1831		25	0653	1827		25	0707	1839	
26	0642	1831		26	0654	1827		26	0708	1839	
27	0642	1831		27	0654	1827		27	0708	1840	◑
28	0642	1831		28	0654	1827	◑	28	0709	1840	
29	0643	1830	◑	29	0655	1828		29	0710	1841	
30	0643	1830		30	0655	1828		30	0710	1842	
31	0643	1830						31	0711	1842	

1972 SUNRISE AND SUNSET CORRECTIONS - MINUTES

		JANUARY		FEBRUARY		MARCH		APRIL	
		Rise	Set	Rise	Set	Rise	Set	Rise	Set
Can Tho	(10°02'N; 105°47'E)	+ 3	+ 5	+ 4	+ 4	+ 4	+ 4	+ 4	+ 4
Chu Lai	(15°30'N; 108°30'E)	+ 1	-14	+ 2	-12	- 6	- 7	-11	- 3
Da Nang	(16°04'N; 108°13'E)	+ 3	-14	0	-12	- 5	- 6	-10	- 1
Don Duong	(11°51'N; 108°33'E)	- 5	- 9	- 5	- 9	- 7	- 7	- 8	- 5
Nha Trang	(12°15'N; 109°11'E)	+ 3	-13	- 8	-12	-10	-10	-11	- 8
Qui Nhon	(13°46'N; 109°14'E)	- 4	-15	- 6	-15	- 9	-10	-12	- 7

		MAY		JUNE		JULY		AUGUST	
		Rise	Set	Rise	Set	Rise	Set	Rise	Set
Can Tho	(10°02'N; 105°47'E)	+ 5	+ 5	+ 5	+ 3	+ 5	+ 3	+ 4	+ 4
Chu Lai	(15°30'N; 108°30'E)	-14	+ 2	-17	+ 3	-16	+ 1	-12	- 2
Da Nang	(16°04'N; 108°13'E)	-14	+ 4	-17	+ 5	-16	+ 3	-12	0
Don Duong	(11°51'N; 108°33'E)	- 9	- 3	-10	- 4	-10	- 5	- 9	- 5
Nha Trang	(12°15'N; 109°11'E)	-13	- 5	-14	- 6	-13	- 7	-12	- 8
Qui Nhon	(13°46'N; 109°14'E)	-15	- 3	-16	- 4	-15	- 4	-14	- 6

		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
		Rise	Set	Rise	Set	Rise	Set	Rise	Set
Can Tho	(10°02'N; 105°47'E)	+ 4	+ 4	+ 4	+ 4	+ 4	+ 5	+ 3	+ 5
Chu Lai	(15°30'N; 108°30'E)	- 8	- 6	- 4	-11	- 9	-14	+ 2	-17
Da Nang	(16°04'N; 108°13'E)	- 7	- 5	- 3	-10	+ 3	-14	+ 4	-17
Don Duong	(11°51'N; 108°33'E)	- 7	- 7	- 6	- 8	- 4	- 9	- 4	-10
Nha Trang	(12°15'N; 109°11'E)	-10	-10	- 9	-11	- 7	-13	- 7	-14
Qui Nhon	(13°46'N; 109°14'E)	-11	- 9	- 8	-12	- 5	-15	- 5	-16

CAP SAINT-JACQUES — JANUARY 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1	0104	3.9	12.8	11	0447	1.7	5.6	21	0500	3.6	11.8
SA	0848	0.1	0.3	TU	1218	2.9	9.5	F	1150	1.0	3.3
	1615	3.7	12.1		1534	2.7	8.8		1735	3.7	12.1
	2101	2.9	9.5		2154	3.4	11.2				
2	0148	3.9	12.8	12	0541	1.4	4.6	22	0029	1.9	6.2
SU	0929	0.2	0.7	W	1326	3.1	10.2	SA	0604	3.4	11.2
	1656	3.7	12.1		1704	2.9	9.5		1231	1.4	4.6
	2144	2.8	9.2		2240	3.4	11.2		1904	3.6	11.8
3	0234	3.9	12.8	13	0628	1.1	3.6	23	0122	1.7	5.6
M	1009	0.3	1.0	TH	1415	3.2	10.5	SU	0720	3.2	10.5
	1732	3.7	12.1		1828	2.9	9.5		1311	1.8	5.9
	2226	2.7	8.8		2325	3.5	11.5		1935	3.6	11.8
4	0318	3.7	12.1	14	0710	0.8	2.6	24	0222	1.5	4.9
TU	1049	0.5	1.6	F	1451	3.4	11.2	M	0858	3.0	9.8
	1810	3.6	11.8		1928	2.9	9.5		1355	2.3	7.5
	2311	2.6	8.5		2306	3.6	11.8		2010	3.5	11.5
5	0406	3.5	11.5	15	0751	0.6	2.0	25	0334	1.3	4.3
W	1127	0.9	3.0	SA	1522	3.6	11.8	TU	1056	3.0	9.8
	1843	3.6	11.8		2014	2.9	9.5		1449	2.6	8.5
									2056	3.5	11.5
6	0000	2.5	8.2	16	0050	3.7	12.1	26	0452	1.0	3.3
TH	0459	3.3	10.8	SU	0830	0.4	1.3	W	1240	3.1	10.2
	1205	1.2	3.9		1556	3.7	12.1		1614	2.9	9.5
	1914	3.5	11.5		2055	2.8	9.2		2157	3.5	11.5
7	0052	2.3	7.5	17	0136	3.8	12.5	27	0602	0.8	2.6
F	0601	3.1	10.2	M	0909	0.3	1.0	TH	1400	3.3	10.8
	1243	1.6	5.2		1627	3.7	12.1		1804	3.0	9.8
	1943	3.5	11.5		2135	2.7	8.8		2303	3.6	11.8
8	0145	2.2	7.2	18	0222	3.8	12.5	28	0702	0.5	1.6
SA	0718	2.9	9.5	TU	0949	0.3	1.0	F	1451	3.5	11.5
	1317	1.9	6.2		1702	3.7	12.1		1924	3.0	9.8
	2011	3.4	11.2		2213	2.5	8.2				
9	0242	2.1	6.9	19	0310	3.8	12.5	29	0003	3.6	11.8
SU	0853	2.8	9.2	W	1029	0.4	1.3	SA	0754	0.4	1.3
	1352	2.2	7.2		1733	3.7	12.1		1527	3.6	11.8
	2041	3.4	11.2		2255	2.4	7.9		2017	2.8	9.2
10	0344	1.9	6.2	20	0403	3.8	12.5	30	0100	3.7	12.1
M	1045	2.8	9.2	TH	1109	0.7	2.3	SU	0740	0.3	1.0
	1434	2.5	8.2		1705	3.7	12.1		1601	3.6	11.8
	2114	3.4	11.2		2341	2.2	7.2		2100	2.6	8.5
								31	0155	3.7	12.1
								M	0921	0.4	1.3
									1629	3.6	11.8
									2140	2.4	7.9

CAP SAINT-JACQUES — FEBRUARY 1972

DAY	TIME h m	Ht. m.	Ht. ft.
1	0247	3.7	12.1
TU	0959	0.6	2.0
	1657	3.6	11.8
	2216	2.2	7.2
2	0338	3.6	11.8
W	1035	0.9	3.0
	1721	3.5	11.5
	2254	2.0	6.6
3	0425	3.5	11.5
TH	1107	1.1	3.6
	1745	3.5	11.5
	2330	1.9	6.2
4	0512	3.3	10.8
F	1139	1.4	4.6
	1805	3.5	11.5
5	0008	1.8	5.9
SA	1206	1.7	5.6
	1824	3.4	11.2
6	0048	1.7	5.6
SU	0653	3.0	9.8
	1233	2.0	6.6
	1842	3.4	11.2
7	0131	1.6	5.2
M	0801	2.8	9.2
	1256	2.3	7.5
	1900	3.4	11.2
8	0221	1.6	5.2
TU	0950	2.7	8.3
	1322	2.5	8.2
	1923	3.3	10.8
9	0323	1.5	4.9
W	1202	2.8	9.2
	1353	2.8	9.2
	1959	3.3	10.8
10	0434	1.3	4.3
TH	1325	3.0	9.8
	1541	3.0	9.8
	2108	3.2	10.5
11	0541	1.1	3.6
F	1406	3.2	10.5
	1805	3.0	9.8
	2238	3.3	10.8
12	0638	0.9	3.0
SA	1430	3.3	10.8
	1918	2.9	9.5
	2345	3.4	11.2
13	0728	0.7	2.3
SU	1459	3.5	11.5
	2005	2.7	8.8
14	0045	3.5	11.5
M	0814	0.5	1.6
	1524	3.6	11.8
	2045	2.5	8.2
15	0141	3.7	12.1
TU	0856	0.5	1.6
	1552	3.6	11.8
	2121	2.2	7.2
16	0235	3.8	12.5
W	0937	0.5	1.6
	1618	3.7	12.1
	2157	1.9	6.2
17	0326	3.8	12.5
TH	1014	0.7	2.3
	1644	3.7	12.1
	2235	1.6	5.2
18	0418	3.8	12.5
F	1052	0.9	3.0
	1609	3.7	12.1
	2314	1.4	4.6
19	0512	3.7	12.1
SA	1128	1.3	4.3
	17[illegible]	3.7	12.1
	2359	1.2	3.9
20	0612	3.5	11.5
SU	1204	1.7	5.6
	1800	3.6	11.8
21	0048	1.1	3.6
M	0723	3.2	10.5
	1241	2.1	6.9
	1828	3.6	11.8
22	0145	1.0	3.3
TU	0857	3.0	9.8
	1320	2.5	8.2
	1857	3.5	11.5
23	0254	1.0	3.3
W	1102	3.0	9.8
	1407	2.8	9.2
	1938	3.4	11.2
24	0415	1.0	3.3
TH	1253	3.1	10.2
	1553	3.0	9.8
	2056	3.3	10.8
25	0539	0.9	3.0
F	1357	3.3	10.8
	1829	3.0	9.8
	2249	3.2	10.5
26	0648	0.8	2.6
SA	1431	3.4	11.2
	1940	2.7	8.8
27	0010	3.3	10.8
SU	0745	0.7	2.3
	1501	3.4	11.2
	2020	2.4	7.9
28	0117	3.4	11.2
M	0831	0.7	2.3
	1524	3.5	11.5
	2054	2.1	6.9
29	0214	3.5	11.5
TU	0909	0.8	2.6
	1546	3.5	11.5
	2126	1.9	6.2

CAP SAINT-JACQUES — MARCH 1972

DAY	TIME h m	Ht. m.	Ht. ft.
1	0304	3.6	11.8
W	0944	0.9	3.0
	1605	3.5	11.5
	2156	1.6	5.2
2	0348	3.6	11.8
TH	1013	1.1	3.6
	1623	3.5	11.5
	2226	1.4	4.6
3	0428	3.5	11.5
F	1042	1.4	4.6
	1641	3.5	11.5
	2256	1.3	4.3
4	0508	3.4	11.2
SA	1108	1.6	5.2
	1657	3.5	11.5
	2327	1.2	3.9
5	0549	3.3	10.8
SU	1133	1.9	6.2
	1712	3.4	11.2
6	0001	1.2	3.9
M	0635	3.1	10.2
	1156	2.2	7.2
	1727	3.4	11.2
7	0039	1.2	3.9
TU	0734	2.9	9.5
	1221	2.4	7.9
	1744	3.4	11.2
8	0122	1.2	3.9
W	0904	2.8	9.2
	1246	2.6	8.5
	1805	3.3	10.8
9	0216	1.2	3.9
TH	1116	2.9	9.5
	1322	2.8	9.2
	1834	3.2	10.5
10	0324	1.2	3.9
F	1247	3.0	9.8
	1512	3.0	9.8
	1922	3.1	10.2
11	0447	1.2	3.9
SA	1322	3.2	10.5
	1812	2.9	9.5
	2201	3.0	9.8
12	0602	1.1	3.6
SU	1350	3.3	10.8
	1913	2.6	8.5
	2344	3.2	10.5
13	0704	0.9	3.0
M	1414	3.4	11.2
	1951	2.3	7.5
14	0052	3.4	11.2
TU	0755	0.8	2.6
	1438	3.5	11.5
	2025	2.0	6.6
15	0151	3.6	11.8
W	0839	0.8	2.6
	1502	3.6	11.8
	2059	1.6	5.2
16	0244	3.8	12.5
TH	0917	0.9	3.0
	1526	3.6	11.8
	2135	1.2	3.9
17	0334	3.9	12.8
F	0954	1.1	3.6
	1550	3.7	12.1
	2210	0.9	3.0
18	0424	3.8	12.5
SA	1030	1.4	4.6
	1614	3.7	12.1
	2250	0.7	2.3
19	0518	3.7	12.1
SU	1105	1.7	5.6
	1639	3.7	12.1
	2333	0.6	2.0
20	0618	3.5	11.5
M	1141	2.1	6.9
	1705	3.6	11.8
21	0021	0.6	2.0
TU	0728	3.3	10.8
	1218	2.4	7.9
	1731	3.6	11.8
22	0114	0.7	2.3
W	0859	3.1	10.2
	1259	2.7	8.8
	1759	3.4	11.2
23	0218	0.8	2.6
TH	1054	3.1	10.2
	1400	2.9	9.5
	1830	3.2	10.5
24	0337	1.0	3.3
F	1223	3.2	10.5
	1650	3.0	9.8
	1945	3.0	9.8
25	0510	1.1	3.6
SA	1314	3.2	10.5
	1905	2.7	8.8
	2304	2.9	9.5
26	0629	1.1	3.6
SU	1346	3.3	10.8
	1938	2.3	7.5
27	0032	3.1	10.2
M	0728	1.1	3.6
	1410	3.3	10.8
	2006	2.0	6.6
28	0135	3.3	10.8
TU	0811	1.2	3.9
	1429	3.4	11.2
	2034	1.6	5.2
29	0225	3.4	11.2
W	0848	1.3	4.3
	1449	3.4	11.2
	2101	1.3	4.3
30	0308	3.5	11.5
TH	0918	1.4	4.6
	1506	3.4	11.2
	2129	1.1	3.6
31	0347	3.5	11.5
F	0947	1.6	5.2
	1523	3.5	11.5
	[illegible]	[illegible]	[illegible]

CAP SAINT-JACQUES — APRIL 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1	0423	3.5	11.5	11	0632	1.2	3.9	21	0148	0.8	2.6
SA	1013	1.8	5.9	TU	1316	3.4	11.2	F	1018	3.2	10.5
	1540	3.5	11.5		1923	1.8	5.9		1423	2.8	9.2
	2223	0.8	2.6						1747	3.0	9.8
2	0502	3.4	11.2	12	0058	3.3	10.8	22	0300	1.1	3.6
SU	1040	2.0	6.6	W	0726	1.3	4.3	SA	1127	3.2	10.5
	1557	3.5	11.5		1341	3.5	11.5		1814	2.7	8.8
	2253	0.8	2.6		1958	1.4	4.6		2053	2.7	8.8
3	0542	3.3	10.8	13	0155	3.6	11.8	23	0431	1.4	4.6
M	1105	2.2	7.2	TH	0811	1.3	4.3	SU	1211	3.2	10.5
	1613	3.5	11.5		1406	3.6	11.8		1842	2.3	7.5
	2325	0.8	2.6		2034	0.9	3.0		2325	2.8	9.2
4	0627	3.2	10.5	14	0247	3.7	12.1	24	0554	1.5	4.9
TU	1133	2.4	7.9	F	0852	1.5	4.9	M	1241	3.3	10.8
	1631	3.4	11.2		1432	3.7	12.1		1909	1.9	6.2
					2110	0.6	2.0				
5	0000	0.8	2.6	15	0338	3.8	12.5	25	0042	3.0	9.8
W	0723	3.1	10.2	SA	0931	1.7	5.6	TU	0653	1.6	5.2
	1200	2.6	8.5		1458	3.7	12.1		1306	3.3	10.8
	1652	3.4	11.2		2150	0.3	1.0		1937	1.5	4.9
6	0041	0.9	3.0	16	0430	3.8	12.5	26	0138	3.2	10.5
TH	0737	3.0	9.8	SU	1007	1.9	6.2	W	0738	1.7	5.6
	1238	2.8	9.2		1525	3.7	12.1		1326	3.3	10.8
	1715	3.3	10.8		2230	0.1	0.3		2004	1.2	3.9
7	0130	1.0	3.3	17	0525	3.7	12.1	27	0223	3.3	10.8
F	1020	3.0	9.8	M	1045	2.2	7.2	TH	0814	1.8	5.9
	1338	2.9	9.5		1553	3.7	12.1		1347	3.4	11.2
	1744	3.2	10.5		2313	0.1	0.3		2031	0.9	3.0
8	0233	1.1	3.6	18	0626	3.5	11.5	28	0304	3.4	11.2
SA	1138	3.1	10.2	TU	1023	2.5	8.2	F	0847	1.9	6.2
	1555	2.9	9.5		1621	3.6	11.8		1406	3.4	11.2
	1835	2.9	9.5		2359	0.3	1.0		2059	0.7	2.3
9	0357	1.2	3.9	19	0732	3.3	10.8	29	0342	3.4	11.2
SU	1220	3.2	10.5	W	1204	2.7	8.8	SA	0916	2.0	6.6
	1806	2.6	8.5		1650	3.5	11.5		1426	3.4	11.2
	2208	2.8	9.2						2127	0.5	1.6
10	0523	1.3	4.3	20	0050	0.5	1.6	30	0419	3.5	11.5
M	1251	3.3	10.8	TH	0851	3.2	10.5	SU	0946	2.2	7.2
	1848	2.3	7.5		1258	2.8	9.2		1446	3.5	11.5
	2351	3.0	9.8		1718	3.3	10.8		2156	0.4	1.3

CAP SAINT-JACQUES — MAY 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1	0459	3.4	11.2	11	0057	3.2	10.5	21	0224	1.2	3.9
M	1014	2.3	7.5	TH	0648	1.7	5.6	SU	1019	3.2	10.5
	1506	3.5	11.5		1242	3.5	11.5		1642	2.3	7.5
	2226	0.4	1.3		1929	0.8	2.6		2129	2.5	8.2
2	0539	3.4	11.2	12	0157	3.4	11.2	22	0337	1.6	5.2
TU	1045	2.4	7.9	F	0740	1.9	6.2	M	1100	3.2	10.5
	1529	3.5	11.5		1310	3.6	11.8		1745	1.9	6.2
	2258	0.4	1.3		2010	0.4	1.3		2320	2.6	8.5
3	0624	3.3	10.8	13	0252	3.6	11.8	23	0453	1.8	5.9
W	1015	2.6	8.5	SA	0826	2.0	6.6	TU	1131	3.2	10.5
	1552	3.4	11.2		1342	3.7	12.1		1824	1.5	4.9
	2333	0.5	1.6		2051	0.1	0.3				
4	0716	3.3	10.8	14	0346	3.6	11.8	24	0033	2.8	9.2
TH	1153	2.7	8.8	SU	0908	2.2	7.2	W	0557	2.0	6.6
	1618	3.3	10.8		1412	3.7	12.1		1158	3.2	10.5
					2133	-0.1	-0.3		1858	1.2	3.9
5	0014	0.6	2.0	15	0439	3.6	11.8	25	0129	2.9	9.5
F	0817	3.2	10.5	M	0949	2.4	7.9	TH	0649	2.1	6.9
	1245	2.8	9.2		1446	3.7	12.1		1222	3.3	10.8
	1649	3.2	10.5		2114	-0.2	-0.7		1929	0.9	3.0
6	0102	0.8	2.6	16	0533	3.6	11.8	26	0219	3.1	10.2
SA	0927	3.2	10.5	TU	1029	2.5	8.2	F	0734	2.2	7.2
	1403	2.8	9.2		1519	3.7	12.1		1246	3.3	10.8
	1733	3.0	9.8		2257	-0.1	-0.3		2000	0.6	2.0
7	0102	1.1	3.6	17	0629	3.5	11.5	27	0302	3.2	10.5
SU	1029	3.2	10.5	W	1111	2.6	8.5	SA	0812	2.3	7.5
	1555	2.6	8.5		1552	3.5	11.5		1310	3.3	10.8
	1920	2.7	8.8		2342	0.1	0.3		2031	0.4	1.3
8	0316	1.3	4.3	18	0726	3.4	11.2	28	0340	3.3	10.8
M	1112	3.2	10.5	TH	1201	2.6	8.5	SU	0849	2.3	7.5
	1717	2.2	7.2		1628	3.3	10.8		1336	3.4	11.2
	2220	2.7	8.8						2101	0.3	1.0
9	0437	1.5	4.9	19	0030	0.4	1.3	29	0417	3.3	10.8
TU	1145	3.3	10.8	F	0825	3.2	10.5	M	0922	2.4	7.9
	1806	1.8	5.9		1307	2.6	8.5		1401	3.4	11.2
	2351	2.9	9.5		1708	3.0	9.8		2132	0.1	0.3
10	0548	1.6	5.2	20	0123	0.8	2.6	30	0455	3.4	11.2
W	1213	3.4	11.2	SA	0926	3.2	10.5	TU	0955	2.5	8.2
	1848	1.3	4.3		1438	2.5	8.2		1430	3.4	11.2
					1827	2.7	8.8		2204	0.1	0.3
								31	0533	3.4	11.2
								W	1029	2.5	8.2
									1458	3.4	11.2
									2238	0.1	0.3

CAP SAINT-JACQUES								JUNE 1972			
DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1	0616	3.3	10.8	11	0304	3.3	10.8	21	0331	1.9	6.2
TH	1106	2.6	8.5	SU	0802	2.4	7.9	W	1013	3.1	10.2
	1531	3.3	10.8		1300	3.6	11.8		1725	1.3	4.3
	2315	0.2	0.7		2037	-0.2	-0.7				
2	0702	3.3	10.8	12	0357	3.4	11.2	22	0016	2.6	8.5
F	1153	2.6	8.5	M	0851	2.5	8.2	TH	0436	2.2	7.2
	1608	3.2	10.5		1340	3.6	11.8		1046	3.1	10.2
	2358	0.4	1.3		2120	-0.3	-1.0		1812	1.0	3.3
3	0749	3.3	10.8	13	0446	3.4	11.2	23	0123	2.7	8.8
SA	1251	2.5	8.2	TU	0935	2.5	8.2	F	0545	2.3	7.5
	1657	3.0	9.8		1420	3.6	11.8		1118	3.1	10.2
					2202	-0.3	-1.0		1852	0.7	2.3
4	0046	0.7	2.3	14	0532	3.4	11.2	24	0218	2.8	9.2
SU	0834	3.2	10.5	W	1018	2.5	8.2	SA	0648	2.4	7.9
	1359	2.4	7.9		1501	3.5	11.5		1150	3.1	10.2
	1811	2.8	9.2		2245	-0.1	-0.3		1929	0.5	1.6
5	0140	1.0	3.3	15	0620	3.4	11.2	25	0301	3.0	9.8
M	0919	3.2	10.5	TH	1105	2.4	7.9	SU	0741	2.5	8.2
	1513	2.1	6.9		1546	3.3	10.8		1223	3.2	10.5
	2011	2.6	8.5		2328	0.1	0.3		2003	0.3	1.0
6	0239	1.3	4.3	16	0705	3.3	10.8	26	0234	3.1	10.2
TU	0959	3.2	10.5	F	1159	2.4	7.9	M	0824	2.5	8.2
	1622	1.7	5.6		1635	3.1	10.2		1256	3.2	10.5
	2215	2.6	8.5						2038	0.1	0.3
7	0345	1.6	5.2	17	0013	0.5	1.6	27	0409	3.2	10.5
W	1036	3.3	10.8	SA	0747	3.2	10.5	TU	0901	2.4	7.9
	1722	1.3	4.3		1301	2.2	7.2		1332	3.3	10.8
	2346	2.8	9.2		1741	2.8	9.2		2111	0.1	0.3
8	0455	1.9	6.2	18	0059	0.9	3.0	28	0442	3.3	10.8
TH	1110	3.3	10.8	SU	0826	3.1	10.2	W	0939	2.4	7.9
	1814	0.8	2.6		1409	2.1	6.9		1408	3.3	10.8
					1916	2.5	8.2		2147	-0.0	-0.0
9	0059	3.0	9.8	19	0147	1.3	4.3	29	0517	3.3	10.8
F	0603	2.1	6.9	M	0904	3.1	10.2	TH	1016	2.4	7.9
	1147	3.4	11.2		1521	1.8	5.9		1449	3.3	10.8
	1904	0.4	1.3		2109	2.4	7.9		2124	0.0	0.0
10	0205	3.2	10.5	20	0236	1.6	5.2	30	0554	3.3	10.8
SA	0706	2.3	7.5	TU	0940	3.1	10.2	F	1058	2.3	7.5
	1223	3.5	11.5		1629	1.6	5.2		1534	3.2	10.5
	1952	0.0	0.0		2255	2.4	7.9		2304	0.1	0.3

CAP SAINT-JACQUES — JULY 1972

DAY	TIME h m	Ht. m.	Ht. ft.
1	0629	3.3	10.8
SA	1144	2.2	7.2
	1625	3.1	10.2
	2346	0.4	1.3
2	0703	3.2	10.5
SU	1235	2.0	6.6
	1727	3.0	9.8
3	0030	0.7	2.3
M	0736	3.2	10.5
	1329	1.8	5.9
	1845	2.8	9.2
4	0114	1.1	3.6
TU	0809	3.2	10.5
	1428	1.5	4.9
	2018	2.6	8.5
5	0201	1.5	4.9
W	0844	3.2	10.5
	1533	1.2	3.9
	2206	2.6	8.5
6	0254	1.9	6.2
TH	0924	3.2	10.5
	1642	0.9	3.0
	2347	2.7	8.8
7	0400	2.2	7.2
F	1008	3.2	10.5
	1746	0.5	1.6
8	0111	2.8	9.2
SA	0523	2.4	7.9
	1057	3.3	10.8
	1845	0.1	0.3
9	0219	3.0	9.8
SU	0644	2.5	8.2
	1147	3.4	11.2
	1938	-0.1	-0.3
10	0313	3.2	10.5
M	0750	2.5	8.2
	1237	3.4	11.2
	2026	-0.2	-0.7
11	0359	3.2	10.5
TU	0842	2.5	8.2
	1326	3.4	11.2
	2110	-0.3	-1.0
12	0437	3.3	10.8
W	0928	2.3	7.5
	1415	3.4	11.2
	2153	-0.2	-0.7
13	0515	3.3	10.8
TH	1011	2.2	7.2
	1507	3.3	10.8
	2234	0.0	0.0
14	0550	3.2	10.5
F	1057	2.0	6.6
	1601	3.1	10.2
	2314	0.3	1.0
15	0621	3.2	10.5
SA	1144	1.9	6.2
	1658	3.0	9.8
	2353	0.7	2.3
16	0651	3.1	10.2
SU	1231	1.7	5.6
	1801	2.8	9.2
17	0030	1.0	3.3
M	0718	3.1	10.2
	1321	1.6	5.2
	1911	2.6	8.5
18	0104	1.4	4.6
TU	0745	3.0	9.8
	1413	1.4	4.6
	2033	2.4	7.9
19	0139	1.7	5.6
W	0811	3.0	9.8
	1511	1.3	4.3
	2216	2.3	7.5
20	0212	2.0	6.6
TH	0841	2.9	9.5
	1615	1.1	3.6
21	0002	2.4	7.9
F	0257	2.3	7.5
	0920	2.9	9.5
	1716	1.0	3.3
22	0123	2.6	8.5
SA	0428	2.5	8.2
	1007	2.9	9.5
	1809	0.7	2.3
23	0217	2.7	8.8
SU	0607	2.5	8.2
	1058	3.0	9.8
	1854	0.5	1.6
24	0250	2.9	9.5
M	0717	2.5	8.2
	1147	3.0	9.8
	1936	0.3	1.0
25	0317	3.0	9.8
TU	0806	2.4	7.9
	1234	3.1	10.2
	2015	0.1	0.3
26	0346	3.1	10.2
W	0847	2.3	7.5
	1320	3.2	10.5
	2054	0.1	0.3
27	0414	3.2	10.5
TH	0924	2.2	7.2
	1408	3.2	10.5
	2134	0.0	0.0
28	0443	3.3	10.8
F	1001	2.0	6.6
	1458	3.3	10.8
	2111	0.1	0.3
29	0511	3.3	10.8
SA	1041	1.8	5.9
	1550	3.3	10.8
	2250	0.3	1.0
30	0539	3.3	10.8
SU	1120	1.6	5.2
	1645	3.2	10.5
	2329	0.6	2.0
31	0606	3.3	10.8
M	1204	1.4	4.6
	1745	3.1	10.2

CAP SAINT-JACQUES								AUGUST 1972			
	TIME	Ht.			TIME	Ht.			TIME	Ht.	
DAY	h m	m.	ft.	DAY	h m	m.	ft.	DAY	h m	m.	ft.
1	0007	0.9	3.0	11	0434	3.2	10.5	21	0154	2.8	9.2
TU	0633	3.2	10.5	F	1000	1.7	5.6	M	0556	2.6	8.5
	1253	1.2	3.9		1526	3.2	10.5		1007	2.8	9.2
	1853	2.9	9.5		2219	0.4	1.3		1716	0.7	2.3
2	0046	1.3	4.3	12	0500	3.2	10.5	22	0218	2.9	9.5
W	0701	3.2	10.5	SA	1037	1.5	4.9	TU	0711	2.5	8.2
	1348	1.0	3.3		1617	3.2	10.5		1130	2.9	9.5
	2017	2.7	8.8		2254	0.7	2.3		1908	0.5	1.6
3	0126	1.8	5.9	13	0522	3.2	10.5	23	0241	3.1	10.2
TH	0732	3.2	10.5	SU	1114	1.4	4.6	W	0755	2.3	7.5
	1452	0.8	2.6		1706	3.1	10.2		1230	3.0	9.8
	2207	2.6	8.5		2326	1.0	3.3		1855	0.4	1.3
4	0211	2.2	7.2	14	0545	3.1	10.2	24	0305	3.2	10.5
F	0810	3.1	10.2	M	1152	1.2	3.9	TH	0831	2.1	6.9
	1606	0.6	2.0		1756	2.9	9.5		1326	3.2	10.5
					2355	1.3	4.3		2037	0.3	1.0
5	0000	2.7	8.8	15	0604	3.1	10.2	25	0328	3.3	10.8
SA	0316	2.5	8.2	TU	1231	1.2	3.9	F	0904	1.8	5.9
	0905	3.1	10.2		1851	2.7	8.8		1419	3.3	10.8
	1720	0.4	1.3						2116	0.4	1.3
6	0124	2.9	9.5	16	0023	1.7	5.6	26	0353	3.2	10.5
SU	0504	2.6	8.5	W	0623	3.0	9.8	SA	0940	1.5	4.9
	1021	3.1	10.2		1314	1.1	3.6		1510	3.4	11.2
	1827	0.2	0.7		1958	2.5	8.2		2154	0.5	1.6
7	0224	3.0	9.8	17	0049	2.0	6.6	27	0417	3.4	11.2
M	0646	2.6	8.5	TH	0640	3.0	9.8	SU	1014	1.3	4.3
	1132	3.2	10.5		1403	1.1	3.6		1600	3.5	11.5
	1926	0.0	0.0		2137	2.4	7.9		2230	0.7	2.3
8	0306	3.1	10.2	18	0113	2.2	7.2	28	0441	3.4	11.2
TU	0752	2.5	8.2	F	0700	2.9	9.5	M	1052	1.0	3.3
	1235	3.2	10.5		1500	1.1	3.6		1652	3.4	11.2
	2016	0.0	0.0		2345	2.5	8.2		2305	1.0	3.3
9	0338	3.2	10.5	19	0145	2.4	7.9	29	0505	3.4	11.2
W	0841	2.2	7.2	SA	0728	2.9	9.5	TU	1134	0.8	2.6
	1335	3.3	10.8		1608	1.0	3.3		1750	3.2	10.5
	2101	0.0	0.0						2341	1.4	4.6
10	0408	3.2	10.5	20	0117	2.6	8.5	30	0530	3.4	11.2
TH	0921	2.0	6.6	SU	0314	2.6	8.5	W	1220	0.7	2.3
	1433	3.3	10.8		0824	2.8	9.2		1857	3.0	9.8
	2142	0.2	0.7		1716	0.9	3.0				
								31	0017	1.8	5.9
								TH	1314	0.6	2.0
									2021	2.8	9.2

CAP SAINT-JACQUES								SEPTEMBER 1972			
DAY	TIME h m	Ht. m.	ft.	DAY	TIME h m	Ht. m.	ft.	DAY	TIME h m	Ht. m.	ft.
1	0056	2.2	7.2	11	0418	3.3	10.8	21	0149	3.3	10.8
F	0626	3.3	10.8	M	1040	1.0	3.3	TH	0735	2.1	6.9
	1417	0.6	2.0		1701	3.2	10.5		1237	3.1	10.2
	2215	2.8	9.2		2254	1.5	4.9		1930	0.9	3.0
2	0143	2.5	8.2	12	0436	3.3	10.8	22	0211	3.4	11.2
SA	0702	3.2	10.5	TU	1112	0.9	3.0	F	0806	1.8	5.9
	1531	0.6	2.0		1745	3.1	10.2		1333	3.4	11.2
					2320	1.8	5.9		2013	0.9	3.0
3	0008	2.9	9.5	13	0451	3.2	10.5	23	0233	3.5	11.5
SU	0303	2.7	8.8	W	1147	0.9	3.0	SA	0839	1.4	4.6
	0801	3.1	10.2		1834	2.9	9.5		1424	3.6	11.8
	1656	0.6	2.0		2346	2.1	6.9		2053	1.0	3.3
4	0118	3.0	9.8	14	0506	3.2	10.5	24	0257	3.5	11.5
M	0539	2.7	8.8	TH	1224	0.9	3.0	SU	0912	1.1	3.6
	1003	3.0	9.8		1935	2.8	9.2		1513	3.7	12.1
	1812	0.5	1.6						2130	1.1	3.6
5	0202	3.1	10.2	15	0011	2.3	7.5	25	0320	3.6	11.8
TU	0709	3.5	11.5	F	0522	3.2	10.5	M	0948	0.7	2.3
	1142	3.0	9.8		1306	1.0	3.3		1603	3.7	12.1
	1915	0.5	1.6		2103	2.7	8.8		2205	1.4	4.6
6	0230	3.2	10.5	16	0040	2.5	8.2	26	0345	3.6	11.8
W	0756	2.2	7.2	SA	0540	3.1	10.2	TU	1026	0.5	1.6
	1254	3.1	10.2		1356	1.1	3.6		1656	3.6	11.8
	2005	0.5	1.6		2309	2.7	8.8		2241	1.7	5.6
7	0257	3.2	10.5	17	0120	2.7	8.8	27	0409	3.6	11.8
TH	0833	1.9	6.2	SU	0601	3.0	9.8	W	1108	0.4	1.3
	1355	3.3	10.8		1500	1.1	3.6		1756	3.5	11.5
	2048	0.6	2.0						2316	2.1	6.9
8	0319	3.3	10.8	18	0024	2.9	9.5	28	0435	3.6	11.8
F	0905	1.6	5.2	M	0322	2.8	9.2	TH	1154	0.4	1.3
	1448	3.4	11.2		0633	2.9	9.5		1904	3.3	10.8
	2124	0.8	2.6		1618	1.1	3.6		2354	2.4	7.9
9	0340	3.3	10.8	19	0102	3.0	9.8	29	0502	3.6	11.8
SA	0938	1.3	4.3	TU	0622	2.7	8.8	F	1247	0.5	1.6
	1535	3.4	11.2		0935	2.8	9.2		2026	3.1	10.2
	2157	1.0	3.3		1736	1.1	3.6				
10	0400	3.3	10.8	20	0124	3.2	10.5	30	0038	2.7	8.8
SU	1008	1.1	3.6	W	0704	2.5	8.2	SA	0531	3.4	11.2
	1618	3.4	11.2		1131	2.9	9.5		1347	0.6	2.0
	2226	1.2	3.9		1839	1.0	3.3		2214	3.1	10.2

CAP SAINT-JACQUES — OCTOBER 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1	0139	2.9	9.5	11	0335	3.5	11.5	21	0112	3.6	11.8
SU	0602	3.3	10.8	W	1039	0.7	2.3	SA	0736	1.5	4.9
	1500	0.8	2.6		1737	3.4	11.2		1333	3.6	11.8
	2347	3.1	10.2		2251	2.3	7.5		1942	1.6	5.2
2	0348	2.9	9.5	12	0352	3.5	11.5	22	0137	3.7	12.1
M	0657	3.0	9.8	TH	1110	0.7	2.3	SU	0810	1.0	3.3
	1628	1.1	3.6		1824	3.3	10.8		1424	3.8	12.5
					2318	2.5	8.2		2024	1.7	5.6
3	0038	3.2	10.5	13	0409	3.4	11.2	23	0202	3.8	12.5
TU	0630	2.7	8.8	F	1145	0.8	2.6	M	0848	0.6	2.0
	1032	2.9	9.5		1920	3.2	10.5		1515	3.9	12.8
	1752	1.1	3.6		2347	2.7	8.8		2103	1.9	6.2
4	0113	3.3	10.8	14	0427	3.4	11.2	24	0229	3.9	12.8
W	0711	2.3	7.5	SA	1223	0.9	3.0	TU	0926	0.4	1.3
	1206	3.0	9.8		2031	3.1	10.2		1608	3.9	12.8
	1856	1.1	3.6						2141	2.1	6.9
5	0139	3.4	11.2	15	0027	2.9	9.5	25	0256	3.9	12.8
TH	0742	1.9	6.2	SU	0447	3.3	10.8	W	1006	0.2	0.7
	1313	3.2	10.5		1309	1.1	3.6		1703	3.8	12.5
	1946	1.2	3.9		2211	3.1	10.2		2218	2.4	7.9
6	0202	3.4	11.2	16	0135	3.0	9.8	26	0325	3.9	12.8
F	0812	1.6	5.2	M	0508	3.2	10.5	TH	1049	0.1	0.3
	1407	3.4	11.2		1408	1.2	3.9		1803	3.7	12.1
	2025	1.3	4.3		2320	3.2	10.5		2256	2.6	8.5
7	0222	3.4	11.2	17	0411	2.9	9.5	27	0354	3.9	12.8
SA	0841	1.2	3.9	TU	0533	3.0	9.8	F	1134	0.3	1.0
	1453	3.5	11.5		1525	1.4	4.6		1908	3.5	11.5
	2058	1.5	4.9		2359	3.3	10.8		2339	2.8	9.2
8	0241	3.5	11.5	18	0607	2.7	8.8	28	0424	3.7	12.1
SU	0910	1.0	3.3	W	0945	2.8	9.2	SA	1224	0.5	1.6
	1534	3.6	11.8		1651	1.4	4.6		2022	3.4	11.2
	2128	1.7	5.6								
9	0300	3.5	11.5	19	0024	3.4	11.2	29	0033	3.0	9.8
M	0940	0.8	2.6	TH	0632	2.3	7.5	SU	0454	3.5	11.5
	1614	3.5	11.5		1135	3.0	9.8		1320	0.8	2.6
	2156	1.9	6.2		1800	1.5	4.9		2148	3.4	11.2
10	0318	3.5	11.5	20	0049	3.5	11.5	30	0156	3.0	9.8
TU	1008	0.7	2.3	F	0703	1.9	6.2	M	0528	3.2	10.5
	1655	3.5	11.5		1239	3.3	10.8		1429	1.2	3.9
	2223	2.1	6.9		1856	1.5	4.9		2258	3.4	11.2
								31	0456	2.9	9.5
								TU	0751	2.9	9.5
									1554	1.5	4.9
									2343	3.4	11.2

CAP SAINT-JACQUES								NOVEMBER 1972			
	TIME	Ht.			TIME	Ht.			TIME	Ht.	
DAY	h m	m.	ft.	DAY	h m	m.	ft.	DAY	h m	m.	ft.
1	0610	2.5	8.2	11	0332	3.6	11.8	21	0114	4.0	13.1
W	1054	2.9	9.5	SA	1116	0.7	2.3	TU	0828	0.3	1.0
	1718	1.6	5.2		1906	3.5	11.5		1522	3.9	12.8
					2337	3.0	9.8		2040	2.5	8.2
2	0014	3.5	11.5	12	0356	3.6	11.8	22	0147	4.1	13.4
TH	0643	2.1	6.9	SU	1154	0.9	3.0	W	0909	0.1	0.3
	1217	3.1	10.2		2004	3.4	11.2		1615	3.9	12.8
	1823	1.8	5.9						2121	2.9	9.5
3	0040	3.5	11.5	13	0030	3.0	9.8	23	0220	4.1	13.4
F	0714	1.7	5.6	M	0424	3.4	11.2	TH	0952	0.0	0.0
	1317	3.3	10.8		1240	1.1	3.6		1709	3.9	12.8
	1912	1.9	6.2		2109	3.4	11.2		2201	2.8	9.2
4	0103	3.6	11.8	14	0148	3.0	9.8	24	0254	4.1	13.4
SA	0744	1.3	4.3	TU	0501	3.2	10.5	F	1034	0.1	0.3
	1407	3.5	11.5		1336	1.3	4.3		1804	3.8	12.5
	1952	2.1	6.9		2206	3.4	11.2		2245	2.9	9.5
5	0124	3.6	11.8	15	0333	2.9	9.5	25	0331	4.0	13.1
SU	0814	1.0	3.3	W	0633	2.9	9.5	SA	1118	0.3	1.0
	1452	3.6	11.8		1444	1.6	5.2		1901	3.7	12.1
	2028	2.2	7.2		2247	3.5	11.5		2333	3.0	9.8
6	0145	3.7	12.1	16	0459	2.5	8.2	26	0407	3.8	12.5
M	0844	0.8	2.6	TH	0950	2.9	9.5	SU	1206	0.6	2.0
	1531	3.6	11.8		1600	1.8	5.9		2000	3.6	11.8
	2059	2.3	7.5		2318	3.6	11.8				
7	0206	3.7	12.1	17	0545	2.1	6.9	27	0037	3.0	9.8
TU	0913	0.7	2.3	F	1128	3.1	10.2	M	0351	3.5	11.5
	1611	3.6	11.8		1712	1.9	6.2		1259	1.0	3.3
	2130	2.5	8.2		2347	3.7	12.1		2058	3.5	11.5
8	0228	3.7	12.1	18	0625	1.6	5.2	28	0201	2.9	9.5
W	0943	0.6	2.0	SA	1234	3.4	11.2	TU	0603	3.1	10.2
	1651	3.6	11.8		1813	2.1	6.9		1359	1.4	4.6
	2158	2.6	8.5						2151	3.5	11.5
9	0248	3.7	12.1	19	0014	3.8	12.5	29	0350	2.6	8.5
TH	1012	0.6	2.0	SU	0705	1.1	3.6	W	0845	2.9	9.5
	1730	3.6	11.8		1333	3.6	11.8		1507	1.8	5.9
	2229	2.7	8.8		1906	2.2	7.2		2233	3.5	11.5
10	0309	3.7	12.1	20	0044	3.9	12.8	30	0511	2.2	7.2
F	1043	0.6	2.0	M	0747	0.7	2.3	TH	1051	3.0	9.8
	1815	3.5	11.5		1428	3.8	12.5		1622	2.1	6.9
	2259	2.9	9.5		1955	2.4	7.9		2307	3.6	11.8

CAP SAINT-JACQUES								DECEMBER 1972			
	TIME	Ht.			TIME	Ht.			TIME	Ht.	
DAY	h m	m.	ft.	DAY	h m	m.	ft.	DAY	h m	m.	ft.
1	0559	1.9	6.2	11	0352	3.6	11.8	21	0113	4.1	13.4
F	1212	3.1	10.2	M	1138	0.8	2.6	TH	0858	0.0	0.0
	1730	2.3	7.5		1923	3.6	11.8		1620	3.8	12.5
	2337	3.6	11.8						2109	2.9	9.5
2	0638	1.5	4.9	12	0027	2.9	9.5	22	0159	4.1	13.4
SA	1315	3.3	10.8	TU	0437	3.4	11.2	F	0941	0.0	0.0
	1827	2.5	8.2		1222	1.1	3.6		1707	3.8	12.5
					2006	3.6	11.8		2153	2.9	9.5
3	0003	3.6	11.8	13	0130	2.7	8.8	23	0243	4.0	13.1
SU	0614	1.2	3.9	W	0543	3.2	10.5	SA	1024	0.1	0.3
	1408	3.4	11.2		1311	1.4	4.6		1752	3.8	12.5
	1915	2.6	8.5		2047	3.6	11.8		2240	2.8	9.2
4	0031	3.7	12.1	14	0239	2.5	8.2	24	0330	3.9	12.8
M	0748	1.0	3.3	TH	0730	3.0	9.8	SU	1107	0.4	1.3
	1454	3.5	11.5		1405	1.7	5.6		1935	3.7	12.1
	1957	2.7	8.8		2126	3.6	11.8		2330	2.7	8.8
5	0056	3.7	12.1	15	0350	2.2	7.2	25	0420	3.6	11.8
TU	0819	0.8	2.6	F	0937	3.0	9.8	M	1152	0.8	2.6
	1531	3.6	11.8		1506	2.0	6.6		1917	3.6	11.8
	2035	2.7	8.8		2203	3.6	11.8				
6	0122	3.7	12.1	16	0452	1.8	5.9	26	0028	2.6	8.5
W	0850	0.6	2.0	SA	1116	3.1	10.2	TU	0523	3.4	11.2
	1610	3.7	12.1		1614	2.3	7.5		1238	1.2	3.9
	2107	2.8	9.2		2242	3.6	11.8		1956	3.6	11.8
7	0148	3.8	12.5	17	0548	1.3	4.3	27	0131	2.4	7.9
TH	0920	0.5	1.6	SU	1233	3.3	10.8	W	0647	3.1	10.2
	1645	3.7	12.1		1726	2.6	8.5		1324	1.6	5.2
	2141	2.8	9.2		2319	3.8	12.5		2033	3.5	11.5
8	0215	3.8	12.5	18	0640	0.9	3.0	28	0240	2.2	7.2
F	0952	0.5	1.6	M	1341	3.5	11.5	TH	0833	2.9	9.5
	1721	3.7	12.1		1833	2.7	8.8		1412	2.0	6.6
	2212	2.9	9.5		2357	3.9	12.8		2110	3.5	11.5
9	0244	3.8	12.5	19	0528	0.5	1.6	29	0354	2.0	6.6
SA	1024	0.5	1.6	TU	1439	3.7	12.1	F	1025	2.9	9.5
	1301	3.7	12.1		1933	2.8	9.2		1505	2.4	7.9
	2249	2.9	9.5						2148	3.5	11.5
10	0315	3.7	12.1	20	0038	4.0	13.1	30	0501	1.7	5.6
SU	1059	0.7	2.3	W	0714	0.2	0.7	SA	1201	3.0	9.8
	1342	3.6	11.8		1530	3.8	12.5		1612	2.8	9.2
	2333	2.9	9.5		2024	2.9	9.5		2227	3.5	11.5
								31	0556	1.4	4.6
								SU	1317	3.1	10.2
									1730	2.8	9.2
									2303	3.5	11.5

QUI-NHON — JANUARY 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1 SA	0636	0.5	1.6	11 TU	0514	1.0	3.3	21 F	0116	1.8	5.9
	2158	2.3	7.5		1818	1.9	6.2		0859	0.9	3.0
									1529	1.5	4.9
									2013	1.3	4.3
2 SU	0714	0.5	1.6	12 W	0454	0.9	3.0	22 SA	0211	1.6	5.2
	2247	2.3	7.5		1852	2.0	6.6		0915	1.0	3.3
									1546	1.6	5.2
									2215	1.2	3.9
3 M	0748	0.5	1.6	13 TH	0507	0.7	2.3	23 SU	0321	1.4	4.6
	2333	2.2	7.2		1936	2.0	6.6		0903	1.2	3.9
									1607	1.7	5.6
4 TU	0817	0.6	2.0	14 F	0530	0.6	2.0	24 M	0007	1.1	3.6
					2024	2.1	6.9		0626	1.2	3.9
									0634	1.2	3.9
									1636	1.8	5.9
5 W	0010	2.1	6.9	15 SA	0559	0.5	1.6	25 TU	0156	0.9	3.0
	0842	0.7	2.3		2113	2.1	6.9		1713	1.9	6.2
6 TH	0043	1.9	6.2	16 SU	0628	0.5	1.6	26 W	0324	0.7	2.3
	0901	0.9	3.0		2203	2.2	7.2		1802	2.0	6.6
7 F	0107	1.7	5.6	17 M	0700	0.4	1.3	27 TH	0426	0.5	1.6
	0913	1.0	3.3		2252	2.2	7.2		1903	2.1	6.9
	1657	1.6	5.2								
	2217	1.5	4.9								
8 SA	0120	1.6	5.2	18 TU	0731	0.5	1.6	28 F	0512	0.4	1.3
	0911	1.1	3.6		2340	2.1	6.9		2009	2.1	6.9
	1705	1.7	5.6								
9 SU	0848	1.1	3.6	19 W	0804	0.6	2.0	29	0551	0.4	1.3
	1723	1.7	5.6						2111	2.1	6.9
10 M	0758	1.1	3.6	20 TH	0028	2.0	6.6	30 SU	0623	0.4	1.3
	1747	1.8	5.9		0834	0.7	2.3		2205	2.1	6.9
					1523	1.4	4.6				
					1813	1.3	4.3				
								31 M	0652	0.5	1.6
									2253	2.0	6.6

QUI-NHON												FEBRUARY 1972
DAY	TIME h m	Ht. m.	ft.	DAY	TIME h m	Ht. m.	ft.	DAY	TIME h m	Ht. m.	ft.	
1	0717	0.6	2.0	11	0446	0.6	2.0	21	0419	1.2	3.9	
TU	2337	1.9	6.2	F	1854	1.9	6.2	M	0644	1.2	3.9	
									1458	1.8	5.9	
									2347	0.8	2.6	
2	0737	0.7	2.3	12	0507	0.5	1.6	22	1533	1.9	6.2	
W	1456	1.4	4.6	SA	2004	1.9	6.2	TU				
	1724	1.3	4.3									
3	0013	1.8	5.9	13	0531	0.4	1.3	23	0129	0.7	2.3	
TH	0754	0.8	2.6	SU	2106	2.0	6.6	W	1617	1.9	6.2	
	1446	1.4	4.6									
	1853	1.3	4.3									
4	0048	1.6	5.2	14	0559	0.4	1.3	24	0306	0.6	2.0	
F	0803	0.9	3.0	M	2202	2.0	6.6	TH	1722	1.9	6.2	
	1455	1.5	4.9									
	2025	1.3	4.3									
5	0119	1.5	4.9	15	0627	0.5	1.6	25	0406	0.5	1.6	
SA	0800	1.0	3.3	TU	1420	1.2	3.9	F	1851	1.9	6.2	
	1508	1.6	5.2		1437	1.2	3.9					
	2201	1.2	3.9		2256	2.0	6.6					
6	0144	1.3	4.3	16	0657	0.6	2.0	26	0449	0.4	1.3	
SU	0742	1.0	3.3	W	1327	1.3	4.3	SA	2014	1.9	6.2	
	1525	1.6	5.2		1640	1.2	3.9					
	2347	1.1	3.6		2350	1.9	6.2					
7	0152	1.1	3.6	17	0724	0.7	2.3	27	0523	0.5	1.6	
M	0714	1.0	3.3	TH	1334	1.3	4.3	SU	2118	1.8	5.9	
	1547	1.7	5.6		1801	1.1	3.6					
8	0632	0.9	3.0	18	0045	1.8	5.9	28	0551	0.5	1.6	
TU	1615	1.8	5.9	F	0748	0.9	3.0	M	2212	1.8	5.9	
					1349	1.4	4.6					
					1923	1.0	3.3					
9	0446	0.8	2.6	19	0143	1.6	5.2	29	0614	0.6	2.0	
W	1653	1.8	5.9	SA	0601	1.0	3.3	TU	1319	1.3	4.3	
					1408	1.6	4.2		1620	1.2	3.9	
					2047	0.9	3.0		2300	1.7	5.6	
10	0434	0.7	2.3	20	0248	1.4	4.6					
TH	1745	1.9	6.2	SU	0753	1.1	3.6					
					1432	1.7	5.6					
					2213	0.9	3.0					

QUI-NHON — MARCH 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
11	0632	0.8	2.6	11	0351	0.6	2.0	21	1405	1.9	6.2
W	1305	1.3	4.3	SA	1822	1.8	5.9	TU	2326	0.6	2.0
	1731	1.2	3.9								
	2346	1.6	5.2								
2	0647	0.9	3.0	12	0419	0.6	2.0	22	1445	1.9	6.2
TH	1308	1.4	4.6	SU	1949	1.8	5.9	W			
	1832	1.1	3.6								
3	0029	1.5	4.9	13	0448	0.6	2.0	23	0059	0.6	2.0
F	0655	0.9	3.0	M	2101	1.8	5.9	TH	1536	1.8	5.9
	1320	1.5	4.9								
	1931	1.1	3.6								
4	0108	1.4	4.6	14	0516	0.6	2.0	24	0218	0.6	2.0
SA	0652	1.0	3.3	TU	1202	1.2	3.9	F	1654	1.8	5.9
	1335	1.6	5.2		1441	1.1	3.6				
	2030	1.0	3.3		2206	1.8	5.9				
5	0146	1.3	4.3	15	0544	0.7	2.3	25	0316	0.6	2.0
SU	0636	1.0	3.3	W	1150	1.3	4.3	SA	1843	1.7	5.6
	1350	1.6	5.2		1613	1.0	3.3				
	2133	1.0	3.3		2308	1.7	5.6				
6	0221	1.1	3.6	16	0609	0.9	3.0	26	0359	0.6	2.0
M	0612	1.0	3.3	TH	1159	1.4	4.6	SU	2012	1.7	5.6
	1408	1.7	5.6		1728	0.9	3.0				
	2248	0.9	3.0								
7	0302	1.0	3.3	17	0009	1.7	5.6	27	0431	0.7	2.3
TU	0542	1.0	3.3	F	0630	1.0	3.3	M	1107	1.3	4.3
	1432	1.7	5.6		1216	1.5	4.9		1453	1.3	4.3
					1835	0.8	2.6		2122	1.6	5.2
8	0023	0.8	2.6	18	0110	1.5	4.9	28	0457	0.8	2.6
W	1503	1.8	5.9	SA	0641	1.1	3.6	TU	1135	1.3	4.3
					1239	1.6	5.2		1612	1.2	3.9
					1941	0.7	2.3		2222	1.5	4.9
9	0232	0.7	2.3	19	0215	1.4	4.6	29	0516	0.9	3.0
TH	1548	1.8	5.9	SU	0635	1.2	3.9	W	1132	1.4	4.6
					1304	1.8	5.9		1712	1.0	3.3
					2049	0.7	2.3		2315	1.5	4.9
10	0322	0.6	2.0	20	0340	1.2	3.9	30	0529	1.0	3.3
F	1652	1.8	5.9	M	0542	1.2	3.9	TH	1142	1.5	4.9
					1334	1.9	6.2		1803	1.0	3.3
					2204	0.6	2.0				
								31	0006	1.4	4.6
								F	0537	1.1	3.6
									1155	1.6	5.2
									1850	0.9	3.0

QUI-NHON — APRIL 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1	0053	1.3	4.3	11	0547	0.8	2.6	21	0011	0.5	1.6
SA	0534	1.1	3.6	TU	1024	1.2	3.9	F	1510	1.8	5.9
	1211	1.6	5.2		1404	1.1	3.6				
	1934	0.8	2.6		2108	1.6	5.2				
2	0138	1.2	3.9	12	0416	0.9	3.0	22	0109	0.6	2.0
SU	0516	1.1	3.6	W	1016	1.3	4.3	SA	1625	1.6	5.2
	1229	1.7	5.6		1537	1.0	3.3				
	2021	0.8	2.6		2223	1.6	5.2				
3	0227	1.1	3.6	13	0441	1.0	3.3	23	0158	0.7	2.3
M	0449	1.1	3.6	TH	1029	1.4	4.6	SU	1815	1.5	4.9
	1246	1.7	5.6		1649	0.8	2.6				
	2115	0.7	2.3		2333	1.5	4.9				
4	1308	1.8	5.9	14	0455	1.1	3.6	24	0237	0.8	2.6
TU	2220	0.7	2.3	F	1043	1.6	5.2	M	1024	1.3	4.3
					1749	0.7	2.3		1427	1.2	3.9
									2005	1.4	4.6
5	1337	1.8	5.9	15	0041	1.4	4.6	25	0309	0.9	3.0
W	2333	0.7	2.3	SA	0504	1.2	3.9	TU	1005	1.4	4.6
					1113	1.7	5.6		1551	1.1	3.6
					1847	0.6	2.0		2132	1.4	4.6
6	1415	1.8	5.9	16	0154	1.4	4.6	26	0331	1.0	3.3
TH				SU	0452	1.3	4.3	W	1006	1.5	4.9
					1143	1.9	6.2		1647	1.0	3.3
					1946	0.5	1.6		2242	1.3	4.3
7	0046	0.7	2.3	17	1215	1.9	6.2	27	0346	1.1	3.6
F	1506	1.8	5.9	M	2049	0.5	1.6	TH	1017	1.5	4.9
									1730	0.8	2.6
									2343	1.3	4.3
8	0145	0.6	2.0	18	1250	2.0	6.6	28	0351	1.1	3.6
SA	1614	1.7	5.6	TU	2137	0.4	1.3	F	1035	1.6	5.2
									1811	0.7	2.3
9	0231	0.7	2.3	19	1324	1.9	6.2	29	0249	1.2	3.9
SU	1750	1.7	5.6	W	2209	0.5	1.6	SA	0344	1.2	3.9
									1052	1.7	5.6
									1850	0.7	2.3
10	0312	0.7	2.3	20	1416	1.9	6.2	30	0151	1.2	3.9
M	1938	1.6	5.2	TH				SU	0310	1.2	3.9
									1112	1.8	5.9
									1931	0.6	2.0

QUI-NHON — MAY 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1	1135	1.8	5.9	11	0247	1.1	3.6	21	1543	1.4	4.6
M	2017	0.6	2.0	TH	0858	1.5	4.9	SU			
					1607	0.7	2.3				
					2307	1.3	4.3				
2	1159	1.8	5.9	12	0257	1.2	3.9	22	0027	0.8	2.6
TU	2109	0.5	1.6	F	0922	1.7	5.6	M	0849	1.3	4.3
					1706	0.6	2.0		1321	1.2	3.9
									1729	1.3	4.3
3	1231	1.9	6.2	13	0033	1.3	4.3	23	0054	0.9	3.0
W	2202	0.5	1.6	SA	0245	1.3	4.3	TU	0829	1.4	4.6
					0951	1.8	5.9		1520	1.1	3.6
					1800	0.4	1.3		1907	1.1	3.6
4	1307	1.8	5.9	14	1026	1.9	6.2	24	0111	1.0	3.3
TH	2255	0.5	1.6	SU	1855	0.3	1.0	W	0836	1.4	4.6
									1617	0.9	3.0
									2206	1.1	3.6
5	1352	1.8	5.9	15	1102	2.0	6.6	25	0118	1.1	3.6
F	2344	0.6	2.0	M	1951	0.3	1.0	TH	0852	1.5	4.9
									1657	0.7	2.3
6	1444	1.7	5.6	16	1144	2.0	6.6	26	0912	1.6	5.2
SA				TU	2047	0.3	1.0	F	1732	0.6	2.0
7	0029	0.7	2.3	17	1230	2.0	6.6	27	0936	1.7	5.6
SU	1548	1.6	5.2	W.	2141	0.4	1.3	SA	1809	0.5	1.6
8	0113	0.7	2.3	18	1314	1.9	6.2	28	1000	1.8	5.9
M	1729	1.5	4.9	TH	2230	0.4	1.3	SU	1848	0.4	1.3
9	0153	0.9	3.0	19	1401	1.8	5.9	29	1030	1.8	5.9
TU	0855	1.2	3.9	F	2315	0.6	2.0	M	1928	0.4	1.3
	1317	1.1	3.6								
	1946	1.4	4.6								
10	0224	1.0	3.3	20	1449	1.6	5.2	30	1101	1.8	5.9
W	0845	1.3	4.3	SA	2354	0.7	2.3	TU	2012	0.4	1.3
	1457	0.9	3.0								
	2136	1.3	4.3								
								31	1138	1.9	6.2
								W	2055	0.4	1.3

QUI-NHON — JUNE 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1	1218	1.8	5.9	11	0911	1.9	6.2	21	0647	1.4	4.6
TH	2136	0.4	1.3	SU	1812	0.3	1.0	W	1535	0.9	3.0
2	1300	1.8	5.9	12	0956	1.9	6.2	22	0711	1.5	4.9
F	2215	0.5	1.6	M	1903	0.2	0.7	TH	1619	0.7	2.3
3	1346	1.7	5.6	13	1045	2.0	6.6	23	0740	1.6	5.2
SA	2254	0.6	2.0	TU	1951	0.2	0.7	F	1655	0.6	2.0
4	1436	1.6	5.2	14	1136	1.9	6.2	24	0810	1.6	5.2
SU	2329	0.7	2.3	W	2034	0.3	1.0	SA	1629	0.5	1.6
5	1541	1.4	4.6	15	1224	1.8	5.9	25	0845	1.7	5.6
M				TH	2013	0.4	1.3	SU	1805	0.4	1.3
6	0000	0.8	2.6	16	1308	1.7	5.6	26	0925	1.8	5.9
TU	0702	1.2	3.9	F	2048	0.5	1.6	M	1841	0.3	1.0
	1208	1.1	3.6								
	1741	1.2	3.9								
7	0022	1.0	3.3	17	1350	1.6	5.2	27	1006	1.8	5.9
W	0703	1.3	4.3	SA	2217	0.6	2.0	TU	1816	0.3	1.0
	1401	0.9	3.0								
	2042	1.1	3.6								
8	0025	1.1	3.6	18	1432	1.4	4.6	28	1050	1.8	5.9
TH	0724	1.5	4.9	SU	2240	0.7	2.3	W	1952	0.3	1.0
	1520	0.7	2.3								
9	0753	1.6	5.2	19	0624	1.2	3.9	29	1136	1.8	5.9
F	1622	0.5	1.6	M	1125	1.1	3.6	TH	2027	0.3	1.0
					1411	1.2	3.9				
					2253	0.8	2.6				
10	0831	1.8	5.9	20	0627	1.3	4.3	30	1220	1.8	5.9
SA	1719	0.4	1.3	TU	1347	1.0	3.3	F	2102	0.4	1.3
					1631	1.0	3.3				
					2249	0.9	3.0				

QUI-NHON												JULY 1972
DAY	TIME h m	Ht. m.	ft.	DAY	TIME h m	Ht. m.	ft.	DAY	TIME h m	Ht. m.	ft.	
1 SA	1305 2136	1.7 0.5	5.6 1.6	11 TU	0952 1858	1.9 0.2	6.2 0.7	21 F	0541 1607	1.5 0.7	4.9 2.3	
2 SU	1354 2207	1.6 0.6	5.2 2.0	12 W	1047 1933	1.9 0.3	6.2 1.0	22 SA	0624 1644	1.6 0.5	5.2 1.6	
3 M	0447 0757 1451 2231	1.1 1.1 1.4 0.8	3.6 3.6 4.6 2.6	13 TH	1138 2006	1.8 0.4	5.9 1.3	23 SU	0714 1716	1.6 0.4	5.2 1.3	
4 TU	0451 1042 1611 2238	1.2 1.0 1.2 0.9	3.9 3.3 3.9 3.0	14 F	1225 2033	1.7 0.5	5.6 1.6	24 M	0810 1746	1.7 0.4	5.6 1.3	
5 W	0508 1234 1909 2140	1.3 0.8 1.0 1.0	4.3 2.6 3.3 3.3	15 SA	0401 0523 1307 2057	1.1 1.1 1.6 0.6	3.6 3.6 5.2 2.0	25 TU	0906 1816	1.8 0.3	5.9 1.0	
6 TH	0537 1410	1.5 0.7	4.9 2.3	16 SU	0341 0733 1348 2113	1.2 1.1 1.4 0.7	3.9 3.6 4.6 2.3	26 W	0959 1847	1.8 0.3	5.9 1.0	
7 F	0614 1529	1.6 0.5	5.2 1.6	17 M	0354 0931 1430 2118	1.2 1.1 1.2 0.8	3.9 3.6 3.9 2.6	27 TH	1049 1918	1.8 0.4	5.9 1.3	
8 SA	0701 1635	1.7 0.4	5.6 1.3	18 TU	0412 1117 1513 2057	1.3 1.0 1.1 0.9	4.3 3.3 3.6 3.0	28 F	1139 1951	1.8 0.5	5.9 1.6	
9 SU	0755 1730	1.8 0.3	5.9 1.0	19 W	0437 1305 1625 1955	1.4 0.9 0.9 0.9	4.6 3.0 3.0 3.0	29 SA	0230 0439 1229 2022	1.1 1.0 1.7 0.6	3.6 3.3 5.6 2.0	
10 M	0853 1818	1.9 0.2	6.2 0.7	20 TH	0506 1505	1.5 0.8	4.9 2.6	30 SU	0233 0607 1321 2051	1.1 1.0 1.6 0.7	3.6 3.3 5.2 2.3	
								31 M	0246 0740 1419 2111	1.2 1.0 1.5 0.9	3.9 3.3 4.9 3.0	

QUI-NHON — AUGUST 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1	0301	1.3	4.3	11	0158	1.2	3.9	21	0625	1.7	5.6
TU	0919	0.9	3.0	F	0432	1.1	3.6	M	1634	0.6	2.0
	1529	1.3	4.3		1145	1.7	5.6				
	2111	1.0	3.3		1923	0.7	2.3				
2	0321	1.4	4.6	12	0143	1.2	3.9	22	0747	1.8	5.9
W	1055	0.8	2.6	SA	0549	1.1	3.6	TU	1704	0.5	1.6
	1721	1.1	3.6		1232	1.6	5.2				
	1957	1.1	3.6		1943	0.8	2.6				
3	0349	1.5	4.9	13	0150	1.3	4.3	23	0855	1.8	5.9
TH	1226	0.7	2.3	SU	0701	1.0	3.3	W	1732	0.6	2.0
					1317	1.5	4.9				
					1955	0.9	3.0				
4	0426	1.7	5.6	14	0204	1.4	4.6	24	0954	1.8	5.9
F	1405	0.6	2.0	M	0814	1.0	3.3	TH	1804	0.6	2.0
					1402	1.3	4.3				
					1953	1.0	3.3				
5	0516	1.7	5.6	15	0222	1.5	4.9	25	0041	1.2	3.9
SA	1530	0.5	1.6	TU	0928	1.0	3.3	F	0316	1.1	3.6
					1448	1.2	3.9		1051	1.8	5.9
					1929	1.0	3.3		1834	0.7	2.3
6	0626	1.8	5.9	16	0243	1.5	4.9	26	0038	1.2	3.9
SU	1634	0.4	1.3	W	1043	0.9	3.0	SA	0439	1.1	3.6
					1538	1.1	3.6		1148	1.8	5.9
					1848	1.0	3.3		1905	0.8	2.6
7	0746	1.8	5.9	17	0306	1.6	5.2	27	0049	1.3	4.3
M	1721	0.4	1.3	TH	1204	0.9	3.0	SU	0550	1.0	3.3
									1246	1.7	5.6
									1930	1.0	3.3
8	0858	1.8	5.9	18	0334	1.6	5.2	28	0105	1.4	4.6
TU	1759	0.4	1.3	F	1344	0.8	2.6	M	0700	0.9	3.0
									1347	1.6	5.2
									1947	1.1	3.6
9	1000	1.8	5.9	19	0413	1.7	5.6	29	0125	1.5	4.9
W	1831	0.5	1.6	SA	1519	0.7	2.3	TU	0812	0.8	2.6
									1455	1.5	4.9
									1944	1.3	4.3
10	1054	1.8	5.9	20	0507	1.7	5.6	30	0147	1.7	5.6
TH	1900	0.6	2.0	SU	1603	0.6	2.0	W	0926	0.8	2.6
									1627	1.3	4.3
									1838	1.3	4.3
								31	0213	1.8	5.9
								TH	1046	0.7	2.3

QUI-NHON — SEPTEMBER 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1	0246	1.8	5.9	11	0032	1.6	5.2	21	0048	1.4	4.6
F	1213	0.7	2.3	M	0724	1.0	3.3	TH	0846	1.9	6.2
					1341	1.5	4.9		1635	1.0	3.3
					1824	1.3	4.3		2259	1.4	4.6
2	0328	1.9	6.2	12	0049	1.7	5.6	22	0256	1.3	4.3
SA	1346	0.7	2.3	TU	0815	1.0	3.3	F	0957	1.9	6.2
					1429	1.4	4.6		1707	1.1	3.6
					1755	1.3	4.3		2300	1.5	4.9
3	0430	1.9	6.2	13	0107	1.8	5.9	23	0411	1.2	3.9
SU	1505	0.6	2.0	W	0909	1.0	3.3	SA	1103	1.9	6.2
					1526	1.3	4.3		1735	1.2	3.9
					1714	1.3	4.3		2313	1.6	5.2
4	0610	1.8	5.9	14	0127	1.8	5.9	24	0515	1.0	3.3
M	1602	0.6	2.0	TH	1008	0.9	3.0	SU	1208	1.8	5.9
									1757	1.3	4.3
									2333	1.8	5.9
5	0752	1.8	5.9	15	0150	1.9	6.2	25	0616	0.9	3.0
TU	1644	0.7	2.3	F	1118	0.9	3.0	M	1313	1.8	5.9
									1809	1.5	4.9
									2354	1.9	6.2
6	0908	1.8	5.9	16	0221	1.9	6.2	26	0715	0.8	2.6
W	1718	0.8	2.6	SA	1237	0.9	3.0	TU	1422	1.7	5.6
									1800	1.5	4.9
7	0027	1.4	4.6	17	0303	1.9	6.2	27	0020	2.0	6.6
TH	0321	1.3	4.3	SU	1352	0.9	3.0	W	0816	0.8	2.6
	1010	1.8	5.9						1628	1.6	5.2
	1745	0.9	3.0						1632	1.6	5.2
8	0005	1.4	4.6	18	0404	1.9	6.2	28	0048	2.1	6.9
F	0435	1.2	3.9	M	1446	0.8	2.6	TH	0922	0.8	2.6
	1107	1.7	5.6								
	1807	1.0	3.3								
9	0535	1.1	3.6	19	0537	1.8	5.9	29	0121	2.1	6.9
SA	1201	1.7	5.6	TU	1526	0.8	2.6	F	1035	0.8	2.6
	1822	1.1	3.6								
10	0015	1.6	5.2	20	0725	1.8	5.9	30	0158	2.1	6.9
SU	0631	1.1	3.6	W	1603	0.9	3.0	SA	1153	0.8	2.6
	1252	1.6	5.2		2359	1.4	4.6				
	1831	1.2	3.9								

QUI-NHON — OCTOBER 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1	0246	2.1	6.9	11	0808	0.9	3.0	21	0338	1.3	4.3
SU	1307	0.8	2.6	W				SA	1018	1.8	5.9
									1548	1.5	4.9
									2146	1.9	6.2
2	0357	2.0	6.6	12	0003	2.1	6.9	22	0439	1.1	3.6
M	1410	0.9	3.0	TH	0855	0.9	3.0	SU	1133	1.8	5.9
									1606	1.6	5.2
									2206	2.0	6.6
3	0559	1.9	6.2	13	0026	2.1	6.9	23	0533	0.9	3.0
TU	1501	1.0	3.3	F	0948	0.9	3.0	M	1249	1.8	5.9
	2324	1.6	5.2						1610	1.7	5.6
									2234	2.2	7.2
4	0148	1.6	5.2	14	0054	2.1	6.9	24	0626	0.8	2.6
W	0754	1.8	5.9	SA	1046	1.0	3.3	TU	1420	1.7	5.6
	1540	1.1	3.6						1540	1.7	5.6
	2246	1.6	5.2						2301	2.6	8.5
5	0318	1.5	4.9	15	0130	2.1	6.9	25	0720	0.7	2.3
TH	0919	1.8	5.9	SU	1143	1.0	3.3	W	2334	2.4	7.9
	1611	1.2	3.9								
	2234	1.7	5.6								
6	0421	1.3	4.3	16	0215	2.1	6.9	26	0817	0.7	2.3
F	1031	1.7	5.6	M	1236	1.0	3.3	TH			
	1633	1.3	4.3								
	2240	1.8	5.9								
7	0514	1.2	3.9	17	0317	2.0	6.9	27	0008	2.4	7.9
SA	1135	1.7	5.6	TU	1323	1.0	3.3	F	0918	0.7	2.3
	1647	1.4	4.6								
	2252	1.9	6.2								
8	0601	1.1	3.6	18	0447	1.9	6.2	28	0048	2.4	7.9
SU	1233	1.7	5.6	W	1407	1.1	3.6	SA	1019	0.8	2.6
	1649	1.5	4.9		2230	1.6	5.2				
	2308	1.9	6.2								
9	0644	1.0	3.3	19	0022	1.6	5.2	29	0133	2.3	7.5
M	1329	1.6	5.2	TH	0659	1.8	5.9	SU	1117	0.9	3.0
	1634	1.5	4.9		1446	1.2	3.9				
	2328	2.0	6.6		2131	1.7	5.6				
10	0725	1.0	3.3	20	0224	1.5	4.9	30	0222	2.1	6.9
TU	1451	1.5	4.9	F	0852	1.8	5.9	M	1210	1.0	3.3
	1543	1.5	4.9		1520	1.3	4.3				
	2345	2.1	6.9		2133	1.8	5.9				
								31	0325	2.0	6.6
								TU	1256	1.1	3.6
									2155	1.8	5.9

QUI-NHON — NOVEMBER 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1	0116	1.7	5.6	11	0829	0.9	3.0	21	0544	0.8	2.6
W	0529	1.8	5.9	SA				TU	2149	2.4	7.9
	1335	1.3	4.3								
	2120	1.8	5.9								
2	0307	1.6	5.2	12	0025	2.3	7.5	22	0633	0.7	2.3
TH	0800	1.7	5.6	SU	1012	0.9	3.0	W	2228	2.5	8.2
	1406	1.4	4.6								
	2112	1.9	6.2								
3	0409	1.4	4.6	13	0104	2.2	7.2	23	0725	0.6	2.0
F	0952	1.7	5.6	M	1053	1.0	3.3	TH	2308	2.5	8.2
	1428	1.5	4.9								
	2120	2.0	6.6								
4	0453	1.2	3.9	14	0149	2.1	6.9	24	0816	0.6	2.0
SA	1121	1.6	5.2	TU	1132	1.1	3.6	F	2352	2.4	7.9
	1436	1.6	5.2								
	2136	2.1	6.9								
5	0531	1.1	3.6	15	0243	2.0	6.6	25	0906	0.7	2.3
SU	1306	1.6	5.2	W	1209	1.2	3.9	SA			
	1402	1.6	5.2								
	2154	2.1	6.9								
6	0608	1.0	3.3	16	0401	1.8	5.9	26	0038	2.3	7.5
M	2214	2.2	7.2	TH	1243	1.3	4.3	SU	0951	0.8	2.6
					2011	1.7	5.6				
7	0645	0.9	3.0	17	0142	1.6	5.2	27	0123	2.2	7.2
TU	2236	2.3	7.5	F	0702	1.7	5.6	M	1030	0.9	3.0
					1311	1.4	4.6				
					2007	1.9	6.2				
8	0722	0.9	3.0	18	0304	1.3	4.3	28	0203	2.0	6.6
W	2256	2.3	7.5	SA	0932	1.6	5.2	TU	1105	1.1	3.6
					1331	1.5	4.9		2038	1.8	5.9
					2022	2.0	6.6		2331	1.8	5.9
9	0803	0.9	3.0	19	0403	1.1	3.6	29	0142	1.8	5.9
TH	2322	2.3	7.5	SU	1127	1.7	5.6	W	1133	1.2	3.9
					1326	1.6	5.2		1950	1.8	5.9
					2046	2.2	7.2				
10	0846	0.9	3.0	20	0455	0.9	3.0	30	1150	1.3	4.3
F	2350	2.3	7.5	M	2115	2.3	7.5	TH	1945	1.9	6.2

QUI-NHON								DECEMBER 1972			
DAY	TIME h m	Ht. m.	ft.	DAY	TIME h m	Ht. m.	ft.	DAY	TIME h m	Ht. m.	ft.
1	0402	1.4	4.6	11	0020	2.2	7.2	21	0641	0.5	1.6
F	0850	1.5	4.9	M	0835	0.8	2.6	TH	2215	2.4	7.9
	1142	1.4	4.6								
	1957	2.0	6.6								
2	0432	1.2	3.9	12	0059	2.1	6.9	22	0724	0.5	1.6
SA	2017	2.1	6.9	TU	1006	0.9	3.0	F	2304	2.4	7.9
3	0504	1.0	3.3	13	0141	2.0	6.6	23	0804	0.5	1.6
SU	2040	2.2	7.2	W	1034	1.1	3.6	SA	2352	2.3	7.5
4	0535	0.9	3.0	14	0230	1.8	5.9	24	0839	0.6	2.0
M	2103	2.2	7.2	TH	1055	1.2	3.9	SU			
					1828	1.7	5.6				
5	0609	0.8	2.6	15	0024	1.5	4.9	25	0038	2.1	6.9
TU	2132	2.3	7.5	F	0347	1.6	5.2	M	0911	0.8	2.6
					1100	1.3	4.3				
					1833	1.8	5.9				
6	0643	0.7	2.3	16	0216	1.3	4.3	26	0118	2.0	6.6
W	2159	2.3	7.5	SA	0856	1.4	4.6	TU	0937	0.9	3.0
					0947	1.4	4.6		1757	1.6	5.2
					1851	1.9	6.2		2056	1.6	5.2
7	0718	0.7	2.3	17	0324	1.1	3.6	27	0152	1.7	5.6
TH	2232	2.3	7.5	SU	1921	2.1	6.9	W	0954	1.1	3.6
									1734	1.7	5.6
									2353	1.5	4.9
8	0754	0.7	2.3	18	0418	0.9	3.0	28	0215	1.5	4.9
F	2305	2.3	7.5	M	1957	2.2	7.2	TH	0955	1.2	3.9
									1751	1.8	5.9
9	0828	0.7	2.3	19	0508	0.7	2.3	29	0901	1.2	3.9
SA	2342	2.3	7.5	TU	2040	2.3	7.5	F	1813	1.9	6.2
10	0903	0.7	2.3	20	0556	0.6	2.0	30	0419	1.1	3.6
SU				W	2127	2.4	7.9	SA	1842	1.9	6.2
								31	0439	1.0	3.3
								SU	1912	2.0	6.6

DA NANG (TOURANE)								JANUARY 1972			
DAY	TIME h m	Ht. m.	ft.	DAY	TIME h m	Ht. m.	ft.	DAY	TIME h m	Ht. m.	ft.
1	0607	0.4	1.3	11	0223	0.7	2.3	21	0135	1.2	3.9
SA	1352	1.0	3.3	TU	0920	1.0	3.3	F	0842	0.6	2.0
	1445	1.0	3.3		1101	0.9	3.0		1523	1.2	3.9
	2242	1.4	4.6		1853	1.2	3.9		2117	0.9	3.0
2	0651	0.3	1.0	12	0313	0.7	2.3	22	0224	1.1	3.6
SU	1415	1.1	3.6	W	1109	1.0	3.3	SA	0910	0.7	2.3
	1611	1.0	3.3		1131	1.0	3.3		1554	1.2	3.9
	2332	1.4	4.6		1930	1.3	4.3		2234	0.8	2.6
3	0732	0.4	1.3	13	0356	0.6	2.0	23	0327	1.0	3.3
M	1441	1.1	3.6	TH	2007	1.3	4.3	SU	0935	0.8	2.6
	1756	1.0	3.3						1628	1.2	3.9
									2352	0.7	2.3
4	0017	1.3	4.3	14	0447	0.5	1.6	24	0532	0.9	3.0
TU	0808	0.4	1.3	F	1228	1.0	3.3	M	0952	0.8	2.6
	1509	1.1	3.6		1236	1.0	3.3		1708	1.3	4.3
	1931	1.0	3.3		2052	1.3	4.3				
5	0101	1.3	4.3	15	0517	0.4	1.3	25	0110	0.6	2.0
W	0842	0.5	1.6	SA	1301	1.0	3.3	TU	0833	0.9	3.0
	1535	1.1	3.6		1408	1.0	3.3		0950	0.9	3.0
	2040	1.0	3.3		2143	1.3	4.3		1753	1.3	4.3
6	0143	1.2	3.9	16	0556	0.4	1.3	26	0225	0.5	1.6
TH	0911	0.6	2.0	SU	1317	1.1	3.6	W	1846	1.3	4.3
	1606	1.1	3.6		1535	1.0	3.3				
	2145	1.0	3.3		2234	1.4	4.6				
7	0224	1.1	3.6	17	0634	0.4	1.3	27	0334	0.4	1.3
F	0939	0.7	2.6	M	1341	1.1	3.6	TH	1947	1.3	4.3
	1638	1.1	3.6		1650	1.0	3.3				
	2253	0.9	3.0		2320	1.4	4.6				
8	0312	1.0	3.3	18	0708	0.4	1.3	28	0432	0.4	1.3
SA	1002	0.8	2.6	TU	1406	1.1	3.6	F	2051	1.3	4.3
	1712	1.2	3.9		1756	1.0	3.3				
9	0007	0.9	3.0	19	0005	1.4	4.6	29	0519	0.3	1.0
SU	0450	1.0	3.3	W	0741	0.4	1.3	SA	2152	1.3	4.3
	1024	0.8	2.6		1428	1.1	3.6				
	1747	1.2	3.9		1859	1.0	3.3				
10	0120	0.8	2.6	20	0049	1.3	4.3	30	0600	0.3	1.0
M	0744	0.9	3.0	TH	0812	0.5	1.6	SU	1316	1.0	3.3
	1044	0.9	3.0		1456	1.2	3.9		1620	0.9	3.0
	1823	1.2	3.9		2005	0.9	3.0		2248	1.3	4.3
								31	0636	0.3	1.0
								M	1324	1.0	3.3
									1744	0.9	3.0
									2337	1.2	3.9

DA NANG (TOURANE) FEBRUARY 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1	0707	0.4	1.3	11	0317	0.5	1.6	21	0404	0.9	3.3
TU	1343	1.0	3.3	F	1909	1.2	3.9	M	0841	0.8	2.6
	1839	0.9	3.0						1525	1.2	3.9
									2323	0.5	1.6
2	0019	1.2	3.9	12	0409	0.4	1.3	22	0638	0.8	2.6
W	0736	0.4	1.3	SA	1225	1.0	3.3	TU	0831	0.8	2.6
	1403	1.1	3.6		1236	1.0	3.3		1559	1.2	3.9
	1930	0.8	2.6		2036	1.2	3.9				
3	0100	1.2	3.9	13	0451	0.4	1.3	23	0036	0.5	1.6
TH	0801	0.5	1.6	SU	1209	1.0	3.3	W	1640	1.2	3.9
	1423	1.1	3.6		1457	1.0	3.3				
	2018	0.8	2.6		2140	1.2	3.9				
4	0141	1.1	3.6	14	0527	0.3	1.0	24	0201	0.4	1.3
F	0825	0.6	2.0	M	1222	1.0	3.3	TH	1748	1.1	3.6
	1446	1.1	3.6		1618	0.9	3.0				
	2110	0.8	2.6		2234	1.3	4.3				
5	0222	1.0	3.3	15	0600	0.4	1.3	25	0320	0.4	1.3
SA	0843	0.7	2.3	TU	1244	1.1	3.6	F	1941	1.1	3.6
	1507	1.1	3.6		1717	0.8	2.6				
	2205	0.7	2.3		2322	1.3	4.3				
6	0313	1.0	3.3	16	0633	1.4	1.3	26	0418	0.3	1.0
SU	0857	0.8	2.6	W	1306	1.1	3.6	SA	1324	0.9	3.0
	1527	1.1	3.6		1811	0.8	2.6		1411	0.9	3.0
	2302	0.7	2.3						2102	1.1	3.6
7	0428	0.9	3.0	17	0009	1.2	3.9	27	0500	0.3	1.0
M	0905	0.8	2.6	TH	0704	0.5	1.6	SU	1210	0.9	3.0
	1551	1.1	3.6		1331	1.1	3.6		1632	0.9	3.0
					1908	0.7	2.3		2203	1.1	3.6
8	0000	0.7	2.3	18	0058	1.2	3.9	28	0535	0.3	1.0
TU	0722	0.9	3.0	F	0735	0.5	1.6	M	1214	1.0	3.3
	0859	0.8	2.6		1358	1.2	3.9		1718	0.8	2.6
	1617	1.2	3.9		2009	0.7	2.3		2254	1.1	3.6
9	0103	0.6	2.0	19	0150	1.1	3.6	29	0605	0.4	1.3
W	1653	1.2	3.9	SA	0803	0.6	2.0	TU	1227	1.0	3.3
					1425	1.2	3.9		1757	0.7	2.3
					2112	0.6	2.0		2340	1.1	3.6
10	0211	0.6	2.0	20	0248	1.0	3.3				
TH	1745	1.2	3.9	SU	0827	0.7	2.3				
					1455	1.2	3.9				
					2216	0.6	2.0				

DA NANG (TOURANE) — MARCH 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1 W	0633	0.5	1.6	11 SA	0226	0.4	1.3	21 TU	0438	0.8	2.6
	1246	1.0	3.3		1835	1.1	3.6		0729	0.8	2.6
	1838	0.7	2.3						1434	1.2	3.9
									2256	0.4	1.3
2 TH	0022	1.1	3.6	12 SU	0322	0.4	1.3	22 W	1505	1.2	3.9
	0657	0.5	1.6		1055	0.9	3.0				
	1305	1.0	3.3		1402	0.9	3.0				
	1917	0.6	2.0		2028	1.1	3.6				
3 F	0103	1.0	3.3	13 M	0404	0.4	1.3	23 TH	0008	0.4	1.3
	0718	0.6	2.0		1104	1.0	3.3		1544	1.1	3.6
	1323	1.1	3.3		1527	0.8	2.6				
	1957	0.6	2.0		2135	1.1	3.6				
4 SA	0145	1.0	3.3	14 TU	0441	0.4	1.3	24 F	0129	0.4	1.3
	0734	0.7	2.3		1122	1.0	3.3		1723	1.0	3.3
	1341	1.1	3.3		1622	0.7	2.3				
	2039	0.6	2.0		2231	1.1	3.6				
5 SU	0227	0.9	3.0	15 W	0515	0.4	1.3	25 SA	0243	0.4	1.3
	0742	0.7	2.3		1146	1.1	3.6		1102	0.9	3.0
	1358	1.1	3.3		1719	0.7	2.3		1451	0.9	3.0
	2120	0.6	2.0		2323	1.1	3.6		1955	1.0	3.3
6 M	0314	0.9	3.0	16 TH	0549	0.5	1.6	26 SU	0338	0.4	1.3
	0746	0.8	2.6		1211	1.1	3.6		1050	0.9	3.0
	1416	1.1	3.6		1812	0.6	2.0		1600	0.8	2.6
	2203	0.5	1.6						2109	1.0	3.3
7 TU	0419	0.8	2.6	17 F	0016	1.1	3.6	27 M	0419	0.4	1.3
	0742	0.8	2.6		0621	0.6	2.0		1100	0.9	3.0
	1436	1.1	3.6		1239	1.2	3.9		1642	0.7	2.3
	2253	0.5	1.6		1907	0.5	1.6		2207	1.0	3.3
8 W	1500	1.1	3.6	18 SA	0110	1.1	3.6	28 TU	0453	0.5	1.6
	2356	0.5	1.6		0650	0.6	2.0		1114	1.0	3.3
					1307	1.2	3.9		1718	0.6	2.0
					2002	0.4	1.3		2257	1.0	3.3
9 TH	1534	1.1	3.6	19 SU	0205	1.0	3.3	29 W	0524	0.5	1.6
					0715	0.7	2.3		1133	1.0	3.3
					1336	1.2	3.9		1754	0.6	2.0
					2057	0.4	1.3		2344	1.0	3.3
10 F	0112	0.5	1.6	20 M	0308	0.9	3.0	30 TH	0549	0.6	2.0
	1629	1.1	3.6		0731	0.7	2.3		1152	1.0	3.3
					1404	1.2	3.9		1830	0.5	1.6
					2154	0.4	1.3				
								31 F	0028	1.0	3.3
									0610	0.6	2.0
									1210	1.0	3.3
									1903	0.5	1.6

DA NANG (TOURANE) APRIL 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1	0110	0.9	3.0	11	0300	0.5	1.6	21	1524	1.0	3.3
SA	0623	0.7	2.3	TU	1000	1.0	3.0	F			
	1228	1.1	3.6		1527	0.7	2.3				
	1936	0.4	1.3		2127	1.0	3.3				
2	0151	0.9	3.0	12	0341	0.5	1.6	22	0044	0.3	1.0
SU	0626	0.7	2.3	W	1024	1.1	3.6	SA	0915	0.9	3.0
	1244	1.1	3.6		1624	0.6	2.0		1325	0.8	2.6
	2007	0.4	1.3		2231	1.0	3.3		1750	0.9	3.0
3	0230	0.9	3.0	13	0419	0.5	1.6	23	0142	0.4	1.3
M	0628	0.8	2.6	TH	1051	1.1	3.6	SU	0921	0.9	3.0
	1259	1.1	3.6		1717	0.5	1.6		1459	0.7	2.3
	2042	0.4	1.3		2329	1.0	3.3		1952	0.9	3.0
4	0321	0.8	2.6	14	0454	0.6	2.0	24	0233	0.4	1.3
TU	0627	0.8	2.6	F	1120	1.2	3.9	M	0938	0.9	3.0
	1318	1.1	3.6		1808	0.4	1.3		1552	0.6	2.0
	2122	0.4	1.3						2106	0.9	3.0
5	1341	1.1	3.6	15	0024	1.0	3.3	25	0317	0.5	1.6
W	2213	0.4	1.3	SA	0525	0.6	2.0	TU	0958	1.0	3.3
					1150	1.2	3.9		1633	0.6	2.0
					1858	0.3	1.0		2207	0.9	3.0
6	1409	1.1	3.6	16	0119	0.9	3.0	26	0355	0.6	2.0
TH	2315	0.4	1.3	SU	0552	0.7	2.3	W	1019	1.0	3.3
					1220	1.2	3.9		1709	0.5	1.6
					1948	0.2	0.7		2302	0.9	3.0
7	1450	1.1	3.6	17	0217	0.9	3.0	27	0427	0.6	2.0
F				M	0611	0.7	2.3	TH	1040	1.0	3.3
					1251	1.2	3.9		1743	0.4	1.3
					2040	0.2	0.7		2351	0.9	3.0
8	0022	0.4	1.3	18	0328	0.8	2.6	28	0448	0.7	2.3
SA	1559	1.0	3.3	TU	0619	0.8	2.6	F	1059	1.0	3.3
					1322	1.2	3.9		1813	0.4	1.3
					2136	0.2	0.7				
9	0123	0.4	1.3	19	1355	1.1	3.6	29	0032	0.9	3.0
SU	0932	0.9	3.0	W	2236	0.2	0.7	SA	0459	0.7	2.0
	1248	0.9	3.0						1116	1.1	3.6
	1816	1.0	3.3						1842	0.3	1.0
10	0215	0.4	1.3	20	1433	1.1	3.6	30	0114	0.9	3.0
M	0943	1.0	3.0	TH	2341	0.3	1.0	SU	0503	0.8	2.6
	1422	0.8	2.6						1134	1.1	3.6
	2011	1.0	3.3						1911	0.3	1.0

DA NANG (TOURANE) MAY 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1	0158	0.8	2.6	11	0231	0.6	2.0	21	0746	0.9	3.0
M	0506	0.8	2.6	TH	0930	1.1	3.6	SU	1307	0.7	2.3
	1151	1.1	3.6		1621	0.4	1.3		1738	0.8	2.6
	1943	0.3	1.0		2237	0.9	3.0				
2	0251	0.8	2.6	12	0311	0.6	2.0	22	0034	0.4	1.3
TU	0506	0.8	2.6	F	0959	1.2	3.9	M	0810	0.9	3.0
	1210	1.1	3.6		1710	0.3	1.0		1427	0.6	2.0
	2021	0.3	1.0		2337	0.9	3.0		1939	0.8	2.6
3	0429	0.8	2.6	13	0346	0.7	2.3	23	0116	0.5	1.6
W	0431	0.8	2.6	SA	1033	1.2	3.9	TU	0836	1.0	3.3
	1237	1.1	3.6		1758	0.2	0.7		1530	0.6	2.0
	2105	0.3	1.0						2102	0.8	2.6
4	1306	1.1	3.6	14	0032	0.8	2.6	24	0157	0.6	2.0
TH	2155	0.3	1.0	SU	0415	0.7	2.3	W	0900	1.0	3.3
					1105	1.2	3.9		1614	0.5	1.6
					1845	0.1	0.3		2208	0.8	2.6
5	1348	1.1	3.6	15	0129	0.8	2.6	25	0233	0.7	2.3
F	2246	0.3	1.0	M	0441	0.7	2.3	TH	0925	1.0	3.3
					1140	1.2	3.9		1650	0.4	1.3
					1935	0.1	0.3		2304	0.8	2.6
6	1441	1.0	3.3	16	0239	0.8	2.6	26	0258	0.7	2.3
SA	2334	0.4	1.3	TU	0459	0.8	2.6	F	0946	1.0	3.3
					1216	1.2	3.9		1720	0.3	1.0
					2028	0.1	0.3		2352	0.8	2.6
7	0807	0.9	3.0	17	0427	0.8	2.6	27	0313	0.7	2.3
SU	1126	0.9	3.0	W	0438	0.8	2.6	SA	1004	1.1	3.6
	1554	0.9	3.0		1255	1.1	3.6		1750	0.3	1.0
					2121	0.1	0.3				
8	0020	0.4	1.3	18	1339	1.1	3.6	28	0034	0.8	2.6
M	0815	0.9	3.0	TH	2214	0.2	0.7	SU	0324	0.8	2.6
	1303	0.8	2.6						1025	1.1	3.6
	1755	0.9	3.0						1820	0.2	0.7
9	0105	0.5	1.6	19	0726	0.9	3.0	29	0122	0.8	2.6
TU	0836	1.0	3.3	F	0944	0.8	2.6	M	0338	0.8	2.6
	1421	0.7	2.3		1429	1.0	3.3		1046	1.1	3.6
	2003	0.9	3.0		2303	0.3	1.0		1854	0.2	0.7
10	0149	0.5	1.6	20	0725	0.9	3.0	30	0221	0.8	2.6
W	0900	1.0	3.3	SA	1137	0.8	2.6	TU	0346	0.8	2.6
	1526	0.5	1.6		1534	0.9	3.0		1112	1.1	3.6
	2130	0.9	3.0		2350	0.3	1.0		1933	0.2	0.7
								31	1144	1.1	3.6
								W	2014	0.2	0.7

DA NANG (TOURANE)								JUNE 1972			
DAY	TIME h m	Ht. m.	ft.	DAY	TIME h m	Ht. m.	ft.	DAY	TIME h m	Ht. m.	ft.
1	1222	1.1	3.6	11	0226	0.7	2.3	21	0000	0.6	2.0
TH	2055	0.2	0.7	SU	0949	1.2	3.9	W	0731	1.0	3.3
					1748	0.1	0.3		1452	0.5	1.6
									2056	0.7	2.3
2	1303	1.1	3.6	12	0057	0.8	2.6	22	0028	0.7	2.3
F	2135	0.3	1.0	M	0256	0.7	2.3	TH	0757	1.0	3.3
					1031	1.2	3.9		1538	0.4	1.3
					1838	0.1	0.3		2205	0.7	2.3
3	0613	0.9	3.0	13	0205	0.8	2.6	23	0052	0.7	2.3
SA	0751	0.9	3.0	TU	0332	0.8	2.6	F	0824	1.0	3.3
	1351	1.0	3.3		1114	1.2	3.9		1615	0.4	1.3
	2211	0.3	1.0		1928	0.1	0.3		2304	0.8	2.6
4	0616	0.9	3.0	14	0314	0.8	2.6	24	0111	0.7	2.3
SU	1006	0.8	2.6	W	0403	0.8	2.6	SA	0846	1.1	3.6
	1444	1.0	3.3		1201	1.2	3.9		1651	0.3	1.0
	2247	0.4	1.3		2016	0.1	0.3				
5	0636	0.9	3.0	15	0410	0.8	2.6	25	0003	0.8	2.6
M	1136	0.8	2.6	TH	0538	0.8	2.6	SU	0134	0.8	2.6
	1552	0.9	3.0		1250	1.1	3.6		0912	1.1	3.6
	2323	0.5	1.6		2101	0.1	0.3		1727	0.3	1.0
6	0700	1.0	3.3	16	0442	0.8	2.6	26	0106	0.8	2.6
TU	1300	0.7	2.3	F	0830	0.8	2.6	M	0150	0.8	2.6
	1755	0.8	2.6		1340	1.0	3.3		0943	1.1	3.6
					2142	0.2	0.7		1804	0.2	0.7
7	0000	0.5	1.6	17	0516	0.9	3.0	27	1019	1.1	3.6
W	0731	1.0	3.3	SA	0956	0.8	2.6	TU	1843	0.2	0.7
	1416	0.6	2.0		1431	0.9	3.0				
	2015	0.8	2.6		2220	0.3	1.0				
8	0039	0.6	2.0	18	0551	0.9	3.0	28	0228	0.8	2.6
TH	0801	1.1	3.6	SU	1111	0.7	2.3	W	0247	0.8	2.6
	1518	0.4	1.3		1530	0.8	2.6		1100	1.1	3.6
	2141	0.8	2.6		2255	0.4	1.3		1922	0.2	0.7
9	0116	0.6	2.0	19	0624	0.9	3.0	29	0306	0.9	3.0
F	0837	1.2	3.9	M	1226	0.7	2.3	TH	0431	0.8	2.6
	1611	0.3	1.0		1712	0.8	2.6		1145	1.1	3.6
	2250	0.8	2.6		2329	0.5	1.6		1957	0.2	0.7
10	0152	0.7	2.3	20	0658	0.9	3.0	30	0322	0.9	3.0
SA	0911	1.2	3.9	TU	1347	0.6	2.0	F	0553	0.8	2.6
	1700	0.2	0.7		1825	0.7	2.3		1230	1.1	3.6
	2353	0.8	2.6						2032	0.3	1.0

DA NANG (TOURANE) JULY 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1	0349	0.9	3.0	11	1016	1.2	3.9	21	0632	1.0	3.3
SA	0724	0.8	2.6	TU	1832	0.1	0.3	F	1444	0.5	1.6
	1313	1.1	3.6						2216	0.8	2.6
	2102	0.3	1.0						2256	0.8	2.6
2	0413	0.9	3.0	12	0207	0.8	2.6	22	0703	1.1	3.6
SU	0851	0.8	2.6	W	0330	0.8	2.6	SA	1535	0.4	1.3
	1400	1.0	3.3		1111	1.2	3.9				
	2133	0.4	1.3		1915	0.1	0.3				
3	0440	1.0	3.3	13	0222	0.8	2.6	23	0743	1.1	3.6
M	1012	0.8	2.6	TH	0528	0.8	2.6	SU	1622	0.4	1.3
	1453	0.9	3.0		1202	1.1	3.6				
	2202	0.5	1.6		1953	0.2	0.7				
4	0511	1.0	3.3	14	0249	0.9	3.0	24	0833	1.1	3.6
TU	1130	0.7	2.3	F	0711	0.8	2.6	M	1705	0.3	1.0
	1608	0.8	2.6		1252	1.1	3.6				
	2232	0.6	2.0		2030	0.3	1.0				
5	0545	1.1	3.6	15	0315	0.9	3.0	25	0927	1.1	3.6
W	1248	0.6	2.0	SA	0827	0.7	2.3	TU	1745	0.3	1.0
	1835	0.7	2.3		1339	1.0	3.3				
	2259	0.6	2.0		2102	0.4	1.3				
6	0623	1.1	3.6	16	0346	0.9	3.0	26	0111	0.9	3.0
TH	1359	0.5	1.6	SU	0932	0.7	2.3	W	0300	0.9	3.0
	2039	0.7	2.3		1427	0.9	3.0		1018	1.1	3.6
	2328	0.7	2.3		2134	0.5	1.6		1820	0.3	1.0
7	0702	1.2	3.9	17	0418	1.0	3.3	27	0124	0.9	3.0
F	1503	0.4	1.3	M	1036	0.7	2.3	TH	0425	0.9	3.0
	2211	0.7	2.3		1524	0.9	3.0		1106	1.2	3.9
	2349	0.7	2.3		2201	0.5	1.6		1853	0.3	1.0
8	0745	1.2	3.9	18	0452	1.0	3.3	28	0148	1.0	3.3
SA	1600	0.3	1.0	TU	1142	0.6	2.0	F	0536	0.8	2.6
					1657	0.8	2.6		1152	1.2	3.9
					2227	0.6	2.0		1926	0.3	1.0
9	0833	1.2	3.9	19	0528	1.0	3.3	29	0209	1.0	3.3
SU	1654	0.2	0.7	W	1247	0.6	2.0	SA	0640	0.8	2.6
					1906	0.8	2.6		1237	1.2	3.9
					2245	0.7	2.3		1956	0.4	1.3
10	0923	1.2	3.9	20	0559	1.0	3.3	30	0232	1.0	3.3
M	1745	0.1	0.3	TH	1348	0.5	1.6	SU	0745	0.8	2.6
					2045	0.8	2.6		1323	1.1	3.6
					2258	0.7	2.3		2026	0.5	1.6
								31	0300	1.1	3.6
								M	0854	0.7	2.3
									1414	1.0	3.3
									2053	0.6	2.0

DA NANG (TOURANE) AUGUST 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1	0327	1.1	3.6	11	0119	1.0	3.3	21	0642	1.1	3.6
TU	1004	0.7	2.3	F	0615	0.8	2.6	M	1547	0.5	1.6
	1516	0.9	3.0		1206	1.2	3.9				
	2018	0.6	2.0		1920	0.4	1.3				
2	0359	1.1	3.6	12	0142	1.0	3.3	22	0028	1.0	3.3
W	1113	0.6	2.0	SA	0711	0.7	2.3	TU	0030	1.0	3.3
	1648	0.8	2.6		1252	1.1	3.6		0817	1.2	3.9
	2138	0.7	2.3		1950	0.5	1.6		1631	0.5	1.6
									2347	1.0	3.3
3	0433	1.2	3.9	13	0206	1.0	3.3	23	0238	1.0	3.3
TH	1221	0.5	1.6	SU	0805	0.7	2.3	W	0925	1.2	3.9
	1919	0.8	2.6		1339	1.1	3.6		1706	0.4	1.3
	2148	0.8	2.6		2018	0.6	2.0				
4	0513	1.2	3.9	14	0230	1.1	3.6	24	0001	1.0	3.3
F	1332	0.5	1.6	M	0900	0.7	2.3	TH	0359	0.9	3.0
					1427	1.0	3.3		1018	1.2	3.9
					2043	0.7	2.3		1740	0.5	1.6
5	0601	1.2	3.9	15	0255	1.1	3.6	25	0019	1.1	3.6
SA	1447	0.4	1.3	TU	0955	0.7	2.3	F	0456	0.9	3.0
					1524	0.9	3.0		1107	1.3	4.3
					2101	0.7	2.3		1812	0.5	1.6
6	0701	1.2	3.9	16	0318	1.1	3.6	26	0042	1.1	3.6
SU	1554	0.3	1.0	W	1047	0.6	2.0	SA	0550	0.8	2.6
					1641	0.9	3.0		1155	1.3	4.3
					2113	0.8	2.6		1844	0.6	2.0
7	0814	1.2	3.9	17	0341	1.1	3.6	27	0106	1.2	3.9
M	1650	0.3	1.0	TH	1139	0.6	2.0	SU	0646	0.8	2.6
					1850	0.9	3.0		1245	1.2	3.9
					2013	0.8	2.6		1914	0.6	2.0
8	0925	1.2	3.9	18	0405	1.1	3.6	28	0133	1.2	3.9
TU	1735	0.3	1.0	F	1235	0.6	2.0	M	0746	0.7	2.3
									1338	1.2	3.9
									1943	0.7	2.3
9	0055	0.9	3.0	19	0433	1.1	3.6	29	0200	1.3	4.3
W	0320	0.9	3.0	SA	1341	0.6	2.0	TU	0846	0.7	2.3
	1026	1.2	3.9						1434	1.1	3.6
	1813	0.3	1.0						2006	0.8	2.6
10	0103	0.9	3.0	20	0519	1.1	3.6	30	0228	1.3	4.3
TH	0509	0.8	2.6	SU	1450	0.5	1.6	W	0946	0.6	2.0
	1118	1.2	3.9						1543	1.0	3.3
	1848	0.3	1.0						2023	0.9	3.0
								31	0258	1.3	4.3
								TH	1048	0.6	2.0
									1734	0.9	3.0
									2023	0.9	3.0

DA NANG (TOURANE) SEPTEMBER 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1	0329	1.3	4.3	11	0104	1.2	3.9	21	0312	1.0	3.3
F	1154	0.5	1.6	M	0747	0.7	2.3	TH	0916	1.3	4.3
					1344	1.1	3.6		1612	0.7	2.3
					1926	0.8	2.6		2256	1.2	3.9
2	0407	1.3	4.3	12	0125	1.2	3.9	22	0407	0.9	3.0
SA	1310	0.5	1.6	TU	0830	0.7	2.3	F	1014	1.3	4.3
					1429	1.1	3.6		1648	0.7	2.3
					1937	0.9	3.0		2319	1.3	4.3
3	0503	1.3	4.3	13	0144	1.3	4.3	23	0459	0.9	3.0
SU	1430	0.5	1.6	W	0909	0.7	2.3	SA	1108	1.3	4.3
					1519	1.1	3.6		1722	0.7	2.3
					1940	0.9	3.0		2345	1.3	4.3
4	0649	1.2	3.9	14	0202	1.3	4.3	24	0551	0.8	2.6
M	1538	0.5	1.6	TH	0951	0.7	2.3	SU	1202	1.3	4.3
					1626	1.0	3.3		1755	0.8	2.6
					1935	1.0	3.3				
5	0832	1.2	3.9	15	0220	1.3	4.3	25	0011	1.4	4.6
TU	1627	0.5	1.6	F	1037	0.7	2.3	M	0644	0.7	2.3
	2333	1.0	3.3						1256	1.3	4.3
									1824	0.9	3.0
6	0345	1.0	3.3	16	0243	1.3	4.3	26	0040	1.4	4.6
W	0939	1.2	3.9	SA	1134	0.7	2.3	TU	0737	0.6	2.0
	1706	0.5	1.6						1351	1.2	3.9
	2345	1.1	3.6						1848	0.9	3.0
7	0446	0.9	3.0	17	0312	1.3	4.3	27	0108	1.5	4.9
TH	1035	1.2	3.9	SU	1244	0.7	2.3	W	0829	0.6	2.0
	1740	0.5	1.6						1450	1.2	3.9
									1905	1.0	3.3
8	0002	1.1	3.6	18	0402	1.2	3.9	28	0137	1.5	4.9
F	0535	0.8	2.6	M	1354	0.7	2.3	TH	0924	0.6	2.0
	1124	1.2	3.9						1610	1.1	3.6
	1811	0.6	2.0						1907	1.0	3.3
9	0020	1.1	3.6	19	0603	1.2	3.9	29	0207	1.5	4.9
SA	0619	0.8	2.6	TU	1451	0.6	2.0	F	1023	0.6	2.0
	1211	1.2	3.9		2223	1.1	3.6				
	1840	0.7	2.3								
10	0043	1.2	3.9	20	0156	1.1	3.6	30	0239	1.4	4.6
SU	0703	0.7	2.3	W	0806	1.2	3.9	SA	1130	0.6	2.0
	1258	1.2	3.9		1535	0.6	2.0				
	1905	0.8	2.6		2237	1.2	3.9				

DA NANG (TOURANE) — OCTOBER 1972

DAY	TIME h m	Ht. m.	Ht. ft.
1 SU	0318	1.3	4.3
	1245	0.6	2.0
2 M	0428	1.3	4.3
	1357	0.6	2.0
	2221	1.2	3.9
3 TU	0150	1.1	3.6
	0713	1.2	3.9
	1457	0.6	2.0
	2217	1.2	3.9
4 W	0324	1.0	3.3
	0842	1.2	3.9
	1544	0.7	2.3
	2228	1.2	3.9
5 TH	0415	1.0	3.3
	0946	1.2	3.9
	1623	0.7	2.3
	2248	1.2	3.9
6 F	0457	0.9	3.0
	1042	1.2	3.9
	1657	0.8	2.6
	2307	1.3	4.3
7 SA	0537	0.8	2.6
	1133	1.2	3.9
	1728	0.9	3.0
	2329	1.3	4.3
8 SU	0615	0.8	2.6
	1220	1.2	3.9
	1751	0.9	3.0
	2349	1.3	4.3
9 M	0650	0.7	2.3
	1305	1.2	3.9
	1806	1.0	3.3
10 TU	0008	1.4	4.6
	0724	0.7	2.3
	1347	1.2	3.9
	1812	1.0	3.3
11 W	0026	1.4	4.6
	0756	0.7	2.3
	1428	1.2	3.9
	1811	1.1	3.6
12 TH	0043	1.4	4.6
	0830	0.7	2.3
	1521	1.1	3.6
	1806	1.1	3.6
13 F	0100	1.4	4.6
	0907	0.7	2.3
14 SA	0122	1.4	4.6
	0955	0.7	2.3
15 SU	0148	1.4	4.6
	1051	0.7	2.3
16 M	0227	1.3	4.3
	1152	0.7	2.3
17 TU	0329	1.3	4.3
	1249	0.8	2.6
	2107	1.2	3.9
18 W	0045	1.2	3.9
	0532	1.2	3.9
	1339	0.8	2.6
	2115	1.3	4.3
19 TH	0209	1.1	3.6
	0749	1.3	4.3
	1425	0.8	2.6
	2134	1.3	4.3
20 F	0312	1.0	3.3
	0909	1.3	4.3
	1508	0.9	3.0
	2157	1.4	4.6
21 SA	0407	0.9	3.0
	1015	1.3	4.3
	1548	0.9	3.0
	2225	1.4	4.6
22 SU	0457	0.8	2.6
	1114	1.3	4.3
	1624	1.0	3.3
	2253	1.5	4.9
23 M	0546	0.7	2.3
	1209	1.3	4.3
	1656	1.0	3.3
	2323	1.6	5.2
24 TU	0633	0.6	2.0
	1303	1.3	4.3
	1722	1.0	3.3
	2353	1.6	5.2
25 W	0721	0.5	1.6
	1400	1.2	3.9
	1745	1.1	3.6
26 TH	0025	1.6	5.2
	0811	0.5	1.6
	1508	1.2	3.9
	1757	1.1	3.6
27 F	0056	1.6	5.2
	0906	0.5	1.6
28 SA	0132	1.5	4.9
	1004	0.6	2.0
29 SU	0209	1.4	4.6
	1106	0.6	2.0
30 M	0259	1.3	4.3
	1206	0.7	2.3
	2044	1.2	3.9
31 TU	0040	1.2	3.9
	0438	1.2	3.9
	1303	0.7	2.3
	2054	1.3	4.3

DA NANG (TOURANE) NOVEMBER 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1	0222	1.1	3.6	11	0019	1.4	4.6	21	0535	0.5	1.6
W	0717	1.2	3.9	SA	0846	0.6	2.0	TU	1216	1.2	3.9
	1356	0.8	2.6						1550	1.1	3.6
	2111	1.3	4.3						2241	1.6	5.2
2	0328	1.0	3.3	12	0049	1.4	4.6	22	0621	0.5	1.6
TH	0846	1.2	3.9	SU	0931	0.7	2.3	W	1313	1.2	3.9
	1445	0.9	3.0						1618	1.1	3.6
	2134	1.3	4.3						2316	1.6	5.2
3	0416	0.9	3.0	13	0129	1.4	4.6	23	0709	0.4	1.3
F	0955	1.2	3.9	M	1015	0.7	2.3	TH	1415	1.2	3.9
	1529	0.9	3.0						1645	1.1	3.6
	2156	1.3	4.3						2354	1.6	5.2
4	0456	0.8	2.6	14	0214	1.3	4.3	24	0800	0.4	1.3
SA	1054	1.2	3.9	TU	1059	0.7	2.3	F	1627	1.2	3.9
	1604	1.0	3.3		1936	1.3	4.3		1706	1.1	3.6
	2219	1.4	4.6		2306	1.2	3.9				
5	0531	0.7	2.3	15	0317	1.3	4.3	25	0036	1.5	4.9
SU	1144	1.2	3.9	W	1143	0.8	2.6	SA	0852	0.5	1.6
	1631	1.0	3.3		1948	1.3	4.3				
	2241	1.4	4.6								
6	0601	0.7	2.3	16	0043	1.1	3.6	26	0119	1.5	4.9
M	1226	1.2	3.9	TH	0500	1.2	3.9	SU	0943	0.5	1.6
	1643	1.1	3.6		1226	0.9	3.0		1821	1.2	3.9
	2259	1.4	4.6		2007	1.3	4.3		2046	1.2	3.9
7	0632	0.6	2.0	17	0204	1.0	3.3	27	0207	1.4	4.6
TU	1309	1.2	3.9	F	0741	1.2	3.9	M	1031	0.6	2.0
	1647	1.1	3.6		1312	0.9	3.0		1845	1.2	3.9
	2317	1.4	4.6		2034	1.4	4.6		2252	1.1	3.6
8	0700	0.6	2.0	18	0309	0.9	3.0	28	0303	1.3	4.3
W	1353	1.2	3.9	SA	0914	1.2	3.9	TU	1116	0.7	2.3
	1650	1.1	3.6		1358	1.0	3.3		1912	1.2	3.9
	2336	1.5	4.9		2102	1.5	4.9				
9	0736	0.6	2.0	19	0402	0.8	2.6	29	0027	1.1	3.6
TH	1444	1.2	3.9	SU	1023	1.2	3.9	W	0435	1.2	3.9
	1652	1.1	3.6		1440	1.0	3.3		1200	0.8	2.6
	2355	1.5	4.9		2134	1.5	4.9		1942	1.3	4.3
10	0806	0.6	2.0	20	0450	0.6	2.0	30	0203	1.0	3.3
F	1623	1.2	3.9	M	1121	1.2	3.9	TH	0710	1.1	3.6
	1634	1.2	3.9		1517	1.0	3.3		1245	0.9	3.0
					2206	1.6	5.2		2011	1.3	4.3

DA NANG (TOURANE) DECEMBER 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1	0316	0.9	3.0	11	0049	1.4	4.6	21	0014	0.4	1.3
F	0852	1.1	3.6	M	0904	0.6	2.0	TH	1328	1.1	3.6
	1331	1.0	3.3		1702	1.2	3.9		1529	1.1	3.6
	2041	1.3	4.3		1937	1.2	3.9		2255	1.5	4.9
2	0404	0.8	2.6	12	0132	1.3	4.3	22	0702	0.3	1.0
SA	1005	1.1	3.6	TU	0936	0.7	2.3	F	1421	1.1	3.6
	1412	1.0	3.3		1722	1.2	3.9		1630	1.1	3.6
	2106	1.4	4.6		2127	1.1	3.6		2344	1.5	4.9
3	0441	0.7	2.3	13	0216	1.3	4.3	23	0748	0.4	1.3
SU	1104	1.1	3.6	W	1008	0.7	2.3	SA	1507	1.1	3.6
	1444	1.1	3.6		1749	1.2	3.9		1756	1.1	3.6
	2132	1.4	4.6		2300	1.1	3.6				
4	0512	0.6	2.0	14	0312	1.2	3.9	24	0033	1.4	4.6
M	1152	1.1	3.6	TH	1042	0.8	2.6	SU	0831	0.4	1.3
	1502	1.1	3.6		1820	1.3	4.3		1544	1.1	3.6
	2152	1.4	4.6						1944	1.1	3.6
5	0543	0.6	2.0	15	0028	1.0	3.3	25	0121	1.3	4.3
TU	1233	1.1	3.6	F	0451	1.1	3.6	M	0910	0.5	1.6
	1513	1.1	3.6		1119	0.9	3.0		1620	1.2	3.9
	2213	1.4	4.6		1853	1.3	4.3		2112	1.0	3.3
6	0613	0.6	2.0	16	0152	0.9	3.0	26	0208	1.3	4.3
W	1320	1.1	3.6	SA	0754	1.1	3.6	TU	0948	0.6	2.0
	1526	1.1	3.6		1158	0.9	3.0		1700	1.2	3.9
	2237	1.4	4.6		1931	1.4	4.6		2232	1.0	3.3
7	0646	0.5	1.6	17	0258	0.7	2.3	27	0301	1.1	3.6
TH	1414	1.1	3.6	SU	0928	1.1	3.6	W	1023	0.7	2.3
	1543	1.1	3.6		1240	1.0	3.3		1741	1.2	3.9
	2302	1.4	4.6		2006	1.5	4.9		2353	0.9	3.0
8	0720	0.5	1.6	18	0351	0.6	2.0	28	0425	1.0	3.3
F	1514	1.1	3.6	M	1039	1.1	3.6	TH	1056	0.8	2.6
	1555	1.1	3.6		1320	1.0	3.3		1823	1.2	3.9
	2335	1.4	4.6		2045	1.5	4.9				
9	0755	0.5	1.6	19	0439	0.5	1.6	29	0120	0.9	3.0
SA	1618	1.2	3.9	TU	1140	1.1	3.6	F	0705	1.0	3.3
	1637	1.2	3.9		1359	1.0	3.3		1130	0.9	3.0
					2126	1.5	4.9		1902	1.2	3.9
10	0009	1.4	4.6	20	0526	0.4	1.3	30	0238	0.8	2.6
SU	0831	0.6	2.0	W	1236	1.1	3.6	SA	0857	1.0	3.3
	1630	1.2	3.9		1441	1.1	3.6		1157	0.9	3.0
	1747	1.2	3.9		2208	1.5	4.9		1938	1.3	4.3
								31	0331	0.7	2.3
								SU	1016	1.0	3.3
									1220	1.0	3.3
									2007	1.3	4.3

DO-SON — JANUARY 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1 SA	0509 1753	3.8 -0.0	12.8 0.0	11 TU	0331 1501	2.4 1.0	7.9 3.3	21 F	0802 2248	2.7 1.2	8.8 3.9
2 SU	0558 1848	3.8 0.0	12.8 0.0	12 W	0329 1518	2.7 0.8	8.8 2.6	22 SA	0808	2.2	7.2
3 M	0644 1941	3.7 0.1	12.5 0.3	13 TH	0340 1546	2.9 0.5	9.5 1.6	23 SU	0029 0620 1310 2228	1.6 1.9 1.6 2.1	5.2 6.2 5.2 6.9
4 TU	0726 2029	3.5 0.4	11.5 1.3	14 F	0401 1620	3.1 0.3	10.2 1.0	24 M	1245	1.1	3.6
5 W	0804 2109	3.2 0.7	10.5 2.3	15 SA	0429 1700	3.3 0.2	10.8 0.7	25 TU	0016 1314	2.5 0.7	8.2 2.3
6 TH	0832 2140	2.9 1.0	9.5 3.3	16 SU	0501 1745	3.5 0.2	11.5 0.7	26 W	0130 1359	2.9 0.3	9.5 1.0
7 F	0847 2150	2.6 1.3	8.5 4.3	17 M	0538 1837	3.5 0.2	11.5 0.7	27 TH	0230 1453	3.3 0.1	10.8 0.3
8 SA	0829 2039	2.3 1.6	7.5 5.2	18 TU	0616 1934	3.5 0.3	11.5 1.0	28 F	0324 1550	3.5 0.0	11.5 0.0
9 SU	0611 1536	2.1 1.5	6.9 4.9	19 W	0655 2034	3.3 0.5	10.8 1.6	29 SA	0416 1649	3.6 0.0	11.8 0.0
10 M	0434 1503	2.2 1.3	7.2 4.3	20 TH	0731 2136	3.1 0.8	10.2 2.6	30 SU	0505 1751	3.6 0.0	11.8 0.0
								31 M	0550 1854	3.5 0.2	11.5 0.7

DO-SON — FEBRUARY 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1 TU	0631	3.3	10.8	11 F	0252	3.0	9.8	21 M	1055	0.9	3.0
	1954	0.5	1.6		1453	0.4	1.3		2212	2.6	8.5
2 W	0706	3.0	9.8	12 SA	0324	3.2	10.5	22 TU	1140	0.6	2.0
	2045	0.7	2.3		1541	0.3	1.0		2344	2.9	9.5
3 TH	0730	2.7	8.8	13 SU	0359	3.3	10.8	23 W	1231	0.3	1.0
	2126	1.0	3.3		1636	0.3	1.0				
4 F	0742	2.3	7.5	14 M	0438	3.3	10.8	24 TH	0104	3.2	10.5
	2153	1.4	4.6		1740	0.3	1.0		1325	0.1	0.3
5 SA	0722	2.1	6.9	15 TU	0519	3.2	10.5	25 F	0210	3.3	10.8
	1401	1.7	5.6		1856	0.5	1.6		1425	0.1	0.3
	1604	1.7	5.6								
	2139	1.7	5.6								
6 SU	0447	1.9	6.2	16 W	0601	3.0	8.9	26 SA	0308	3.4	11.2
	1315	1.5	4.9		2018	0.7	2.3		1530	0.1	0.3
7 M	0252	2.0	6.6	17 TH	0641	2.7	8.8	27 SU	0401	3.3	10.8
	1305	1.2	3.9		2142	0.9	3.0		1641	0.3	1.0
8 TU	0156	2.3	7.5	18 F	0714	2.3	7.5	28 M	0450	3.2	10.5
	1315	1.0	3.3		2317	1.3	4.3		1757	0.5	1.6
9 W	0204	2.5	8.2	19 SA	0715	1.9	6.2	29 TU	0533	2.9	9.5
	1339	0.7	2.3		1147	1.8	5.9		1920	0.7	2.3
					1800	2.0	6.6				
10 TH	0226	2.8	9.2	20 SU	0123	1.6	5.2				
	1412	0.5	1.6		0356	1.6	5.2				
					1030	1.4	4.6				
					2026	2.3	7.5				

DO-SON — MARCH 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1	0610	2.6	8.5	11	0151	3.0	9.8	21	1002	0.4	1.3
W	2035	1.0	3.3	SA	1402	0.4	1.3	TU	2158	3.1	10.2
2	0635	2.3	7.5	12	0237	3.1	10.2	22	1058	0.2	0.7
TH	2143	1.2	3.9	SU	1505	0.5	1.6	W	2316	3.2	10.5
3	0543	2.0	6.6	13	0322	3.1	10.2	23	1155	0.2	0.7
F	1147	1.8	5.9	M	1623	0.6	2.0	TH			
	1411	1.9	6.2								
	2300	1.5	4.9								
4	0610	1.8	5.9	14	0410	2.9	9.5	24	0031	3.3	10.8
SA	1106	1.6	5.2	TU	1807	0.8	2.6	F	1253	0.2	0.7
	1803	1.9	6.2								
5	0115	1.7	5.6	15	0500	2.7	8.8	25	0139	3.2	10.5
SU	0148	1.7	5.6	W	2002	1.0	3.3	SA	1355	0.4	1.3
	1052	1.4	4.6								
	2018	2.1	6.9								
6	1100	1.1	3.6	16	0551	2.4	7.9	26	0239	3.1	10.2
M	2211	2.3	7.5	TH	2146	1.2	3.9	SU	1505	0.6	2.0
7	1123	0.9	3.0	17	0645	2.0	6.6	27	0333	2.9	9.5
TU	2322	2.5	8.2	F	1000	1.9	6.2	M	1628	0.8	2.6
					1523	2.1	6.9				
					2347	1.4	4.6				
8	1153	0.7	2.3	18	0629	1.5	4.9	28	0421	2.6	8.5
W				SA	0638	1.5	4.9	TU	1828	1.1	3.6
					1742	2.4	7.9				
9	0018	2.7	8.8	19	0814	1.1	3.6	29	0502	2.3	7.5
TH	1230	0.5	1.6	SU	1910	2.7	8.8	W	2023	1.3	4.3
10	0106	2.9	9.5	20	0908	0.7	2.3	30	0528	2.0	6.6
F	1312	0.5	1.6	M	2034	2.9	9.5	TH	0928	1.9	6.2
									1244	1.9	6.2
									2208	1.5	4.9
								31	0512	1.7	5.6
								F	0746	1.6	5.2
									1606	2.1	6.9

DO-SON — APRIL 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1 SA	0831 1747	1.4 2.3	4.6 7.5	11 TU	0234 1616	2.7 1.1	8.8 3.6	21 F	1123 2349	0.3 3.2	1.0 10.5
2 SU	0839 1859	1.1 2.5	3.6 8.2	12 W	0329 1940	2.4 1.3	7.9 4.3	22 SA	1218	0.5	1.6
3 M	0902 2004	0.9 2.6	3.0 8.5	13 TH	0441 0845 1408 2205	2.0 1.9 2.0 1.4	6.6 6.2 6.6 4.6	23 SU	0051 1314	3.0 0.8	9.8 2.6
4 TU	0933 2105	0.7 2.8	2.3 9.2	14 F	1550	2.4	7.9	24 M	0146 1414	2.7 1.1	8.8 3.6
5 W	1007 2202	0.6 2.9	2.0 9.5	15 SA	0539 1707	1.1 2.8	3.6 9.2	25 TU	0231 1540	2.4 1.5	7.9 4.9
6 TH	1046 2255	0.5 3.0	1.6 9.8	16 SU	0644 1817	0.7 3.1	2.3 10.2	26 W	0255 0824 0955 2026	2.0 1.9 1.9 1.7	6.6 6.2 6.2 5.6
7 F	1131 2349	0.5 3.1	1.6 10.2	17 M	0742 1924	0.4 3.3	1.3 10.8	27 TH	0205 0655 1514	1.7 1.6 2.1	5.6 5.2 6.9
8 SA	1219	0.5	1.6	18 TU	0838 2032	0.2 3.4	0.7 11.2	28 F	0625 1629	1.4 2.4	4.6 7.9
9 SU	0044 1315	3.0 0.7	9.8 2.3	19 W	0932 2140	0.1 3.4	0.3 11.2	29 SA	0637 1725	1.1 2.6	3.6 8.5
10 M	0139 1433	2.9 0.9	9.5 3.0	20 TH	1028 2246	0.1 3.4	0.3 11.2	30 SU	0704 1813	0.9 2.8	3.0 9.2

DO-SON									MAY 1972
DAY	TIME h m	Ht. m.	ft.	DAY	TIME h m	Ht. m.	ft.	DAY	TIME h m	Ht. m.	ft.
1	0735	0.7	2.3	11	0514	1.7	5.6	21	1140	0.9	3.0
M	1858	3.0	9.8	TH	1426	2.3	7.5	SU	2333	2.6	8.5
2	0806	0.5	1.6	12	0414	1.2	3.9	22	1214	1.2	3.9
TU	1942	3.1	10.2	F	1529	2.7	8.8	M	2347	2.2	7.2
3	0840	0.4	1.3	13	0452	0.8	2.6	23	1216	1.6	5.2
W	2028	3.2	10.5	SA	1630	3.1	10.2	TU	2235	1.9	6.2
4	0917	0.4	1.3	14	0540	0.4	1.3	24	0603	1.7	5.6
TH	2115	3.2	10.5	SU	1731	3.4	11.2	W	1651	2.0	6.6
5	0958	0.4	1.3	15	0634	0.2	0.7	25	0511	1.4	4.6
F	2203	3.2	10.5	M	1829	3.6	11.8	TH	1622	2.3	7.5
6	1045	0.5	1.6	16	0728	0.0	0.0	26	0505	1.1	3.6
SA	2250	3.1	10.2	TU	1926	3.7	12.1	F	1636	2.6	8.5
7	1137	0.7	2.3	17	0821	0.0	0.0	27	0524	0.9	3.0
SU	2337	2.8	9.2	W	2023	3.6	11.8	SA	1702	2.8	9.2
8	1236	1.0	3.3	18	0914	0.1	0.3	28	0553	0.7	2.3
M				TH	2120	3.5	11.5	SU	1734	3.0	9.8
9	0022	2.5	8.2	19	1005	0.3	1.0	29	0624	0.5	1.6
TU	1408	1.4	4.6	F	2212	3.2	10.5	M	1807	3.2	10.5
10	0056	2.1	6.9	20	1055	0.5	1.6	30	0658	0.3	1.0
W	0925	1.8	5.9	SA	2259	2.9	9.5	TU	1843	3.3	10.8
	1301	1.8	5.9								
	1911	1.6	5.2								
	2331	1.7	5.6								
								31	0735	0.3	1.0
								W	1920	3.4	11.2

DO-SON								JUNE 1972			
	TIME	Ht.			TIME	Ht.			TIME	Ht.	
DAY	h m	m.	ft.	DAY	h m	m.	ft.	DAY	h m	m.	ft.
1	0812	0.3	1.0	11	0442	0.2	0.7	21	0422	1.6	5.2
TH	2000	3.4	11.2	SU	1645	3.5	11.5	W	1643	2.1	6.9
2	0853	0.3	1.0	12	0533	0.0	0.0	22	0349	1.3	4.3
F	2042	3.3	10.8	M	1739	3.7	12.1	TH	1601	2.4	7.9
3	0937	0.5	1.6	13	0628	-0.1	-0.3	23	0353	1.0	3.3
SA	2122	3.1	10.2	TU	1831	3.8	12.5	F	1608	2.6	8.5
4	1026	0.7	2.3	14	0723	-0.1	-0.3	24	0416	0.8	2.6
SU	2200	2.8	9.2	W	1921	3.7	12.1	SA	1627	2.9	9.5
5	1115	1.1	3.6	15	0817	0.0	0.0	25	0445	0.5	1.6
M	2225	2.5	8.2	TH	2010	3.5	11.5	SU	1650	3.1	10.2
6	1155	1.5	4.9	16	0907	0.3	1.0	26	0519	0.4	1.3
TU	2207	2.1	6.9	F	2055	3.2	10.5	M	1718	3.3	10.8
7	0557	1.7	5.6	17	0953	0.6	2.0	27	0556	0.3	1.0
W	1323	1.9	6.2	SA	2132	2.9	9.5	TU	1749	3.4	11.2
8	0325	1.4	4.6	18	1031	0.9	3.0	28	0637	0.2	0.7
TH	1406	2.4	7.9	SU	2155	2.5	8.2	W	1823	3.5	11.5
9	0319	1.0	3.3	19	1052	1.3	4.3	29	0722	0.2	0.7
F	1457	2.9	9.5	M	2145	2.2	7.2	TH	1859	3.4	11.2
10	0355	0.6	2.0	20	0956	1.6	5.2	30	0808	0.3	1.0
SA	1550	3.2	10.5	TU	2058	2.0	6.6	F	1936	3.3	10.8

DO-SON — JULY 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1 SA	0857 2013	0.5 3.1	1.6 10.2	11 TU	0529 1737	-0.0 3.7	-0.0 12.1	21 F	0219 1511	1.0 2.7	3.3 8.8
2 SU	0950 2046	0.8 2.8	2.6 9.2	12 W	0630 1824	0.0 3.6	0.0 11.8	22 SA	0249 1532	0.8 2.9	2.6 9.5
3 M	1049 2101	1.1 2.4	3.6 7.9	13 TH	0730 1909	0.1 3.4	0.3 11.2	23 SU	0324 1554	0.6 3.1	2.0 10.2
4 TU	1201 1953	1.6 2.0	5.2 6.6	14 F	0826 1950	0.4 3.1	1.3 10.2	24 M	0404 1621	0.4 3.2	1.3 10.5
5 W	0313 1139	1.7 2.0	5.6 6.6	15 SA	0915 2022	0.7 2.8	2.3 9.2	25 TU	0448 1651	0.4 3.3	1.3 10.8
6 TH	0143 1307	1.3 2.5	4.3 8.2	16 SU	0955 2039	1.0 2.4	3.3 7.9	26 W	0537 1725	0.3 3.4	1.0 11.2
7 F	0202 1405	0.8 2.9	2.6 9.5	17 M	1017 2016	1.4 2.1	4.6 6.9	27 TH	0633 1801	0.4 3.3	1.3 10.8
8 SA	0244 1500	0.5 3.3	1.6 10.8	18 TU	0937 1725	1.7 2.0	5.6 6.6	28 F	0734 1838	0.5 3.2	1.6 10.5
9 SU	0335 1553	0.2 3.6	0.7 11.8	19 W	0216 1537	1.5 2.2	4.9 7.2	29 SA	0837 1914	0.7 2.9	2.3 9.5
10 M	0430 1646	0.0 3.7	0.0 12.1	20 TH	0203 1502	1.3 2.4	4.3 7.9	30 SU	0943 1946	0.9 2.6	3.0 8.5
								31 M	1102 1855	1.3 2.2	4.3 7.2

DO-SON — AUGUST 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1	1251	1.6	5.2	11	0756	0.6	2.0	21	0225	0.6	2.0
TU	1757	1.8	5.9	F	1850	2.9	9.5	M	1507	3.2	10.5
	2356	1.6	5.2								
2	0921	2.2	7.2	12	0859	0.9	3.0	22	0318	0.6	2.0
W	2353	1.2	3.9	SA	1920	2.6	8.5	TU	15 1	3.2	10.5
3	1115	2.6	8.5	13	0954	1.2	3.9	23	0420	0.6	2.0
TH				SU	1931	2.3	7.5	W	1617	3.2	10.5
4	0029	0.8	2.6	14	1043	1.5	4.9	24	0533	0.6	2.0
F	1243	3.0	9.8	M	1859	2.0	6.6	TH	1656	3.2	10.5
5	0117	0.4	1.3	15	0010	1.8	5.9	25	0657	0.8	2.6
SA	1352	3.3	10.8	TU	0507	2.0	6.6	F	1737	3.0	9.8
					1120	1.9	6.2				
					1527	1.9	6.2				
					2350	1.5	4.9				
6	0213	0.2	0.7	16	1242	2.2	7.2	26	0824	0.9	3.0
SU	1451	3.5	11.5	W				SA	1817	2.7	8.8
7	0315	0.1	0.3	17	0001	1.3	4.3	27	0946	1.2	3.9
M	1545	3.6	11.8	TH	1305	2.4	7.9	SU	1853	2.3	7.5
8	0421	0.1	0.3	18	0027	1.0	3.3	28	0042	2.1	6.9
TU	1637	3.6	11.8	F	1337	2.7	8.8	M	0137	2.1	6.9
									1122	1.4	4.6
									1855	1.9	6.2
									2144	1.9	6.2
9	0531	0.2	0.7	19	0101	0.8	2.6	29	0533	2.3	7.5
W	1726	3.5	11.5	SA	1406	2.9	9.5	TU	1410	1.7	5.6
									1440	1.7	5.6
									2120	1.4	4.6
10	0646	0.4	1.3	20	0140	0.7	2.3	30	0738	2.6	8.5
TH	1811	3.2	10.5	SU	1437	3.0	9.8	W	2159	1.0	3.3
								31	0922	2.9	9.5
								TH	2249	0.7	2.3

DO-SON									SEPTEMBER 1972			
DAY	TIME h m	Ht. m.	ft.	DAY	TIME h m	Ht. m.	ft.	DAY	TIME h m	Ht. m.	ft.
1 F	1054	3.1	10.2	11 M	0321	2.2	7.2	21 TH	0357	1.0	3.3
	2344	0.4	1.3		1152	1.7	5.6		1535	2.9	9.5
					1452	1.8	5.9				
					2127	1.6	5.2				
2 SA	1216	3.3	10.8	12 TU	0551	2.3	7.5	22 F	0606	1.2	3.9
					2136	1.4	4.6		1621	2.7	8.8
3 SU	0041	0.3	1.0	13 W	0741	2.5	8.2	23 SA	0805	1.3	4.3
	1329	3.5	11.5		2203	1.2	3.9		1710	2.4	7.9
									2309	2.1	6.9
4 M	0142	0.3	1.0	14 TH	0929	2.6	8.5	24 SU	0001	2.1	6.9
	1431	3.5	11.5		2236	1.0	3.3		0948	1.4	4.6
									1801	2.0	6.6
									2026	2.0	6.6
5 TU	0253	0.4	1.3	15 F	1053	2.8	9.2	25 M	0342	2.4	7.9
	1526	3.4	11.2		2311	0.8	2.6		1208	1.6	5.2
									1414	1.6	5.2
									1847	1.6	5.2
6 W	0414	0.6	2.0	16 SA	1152	2.9	9.5	26 TU	0516	2.7	8.8
	1618	3.2	10.5		2349	0.8	2.6		1938	1.1	3.6
7 TH	0548	0.8	2.6	17 SU	1242	3.1	10.2	27 W	0636	3.0	9.8
	1706	3.0	9.8						2028	0.8	2.6
8 F	0731	1.0	3.3	18 M	0032	0.7	2.3	28 TH	0754	3.3	10.8
	1748	2.7	8.8		1328	3.1	10.2		2118	0.5	1.6
9 SA	0851	1.2	3.9	19 TU	0120	0.8	2.6	29 F	0914	3.4	11.2
	1818	2.3	7.5		1410	3.2	10.5		2212	0.3	1.0
	2313	2.1	6.9								
10 SU	0004	2.2	7.2	20 W	0224	0.9	3.0	30 SA	1031	3.5	11.5
	1010	1.5	4.9		1452	3.1	10.2		2308	0.3	1.0
	1819	2.0	6.6								
	2152	1.9	6.2								

DO-SON — OCTOBER 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1 SU	1145	3.5	11.5	11 W	0641	2.8	9.2	21 SA	0010	2.0	6.6
					2032	1.8	5.9		0049	2.0	6.6
									0743	1.7	5.6
									1459	2.1	6.9
									1949	2.0	6.6
2 M	0006	0.4	1.3	12 TH	0743	3.0	9.8	22 SU	0239	2.4	7.9
	1255	3.4	11.2		2102	0.8	2.6		1717	1.6	5.2
3 TU	0108	0.6	2.0	13 F	0843	3.1	10.2	23 M	0343	2.8	9.2
	1357	3.3	10.8		2134	0.7	2.3		1739	1.2	3.9
4 W	0220	0.9	3.0	14 SA	0939	3.2	10.5	24 TU	0446	3.1	10.2
	1453	3.0	9.8		2208	0.7	2.3		1825	0.8	2.6
5 TH	0403	1.2	3.9	15 SU	1031	3.2	10.5	25 W	0549	3.4	11.2
	1541	2.7	8.8		2247	0.7	3.0		1914	0.5	1.6
6 F	0645	1.4	4.6	16 M	1121	3.2	10.5	26 TH	0652	3.6	11.8
	1622	2.4	7.9		2330	0.8	2.6		2004	0.3	1.0
7 SA	0848	1.6	5.2	17 TU	1211	3.1	10.2	27 F	0757	3.7	12.1
	1634	2.0	6.6						2055	0.2	0.7
	2007	2.0	6.6								
8 SU	0235	2.3	7.5	18 W	0018	1.0	3.3	28 SA	0902	3.7	12.1
	1933	1.7	5.6		1300	3.0	9.8		2147	0.2	0.7
9 M	0416	2.5	8.2	19 TH	0119	1.2	3.9	29 SU	1007	3.7	12.1
	1937	1.4	4.6		1348	2.8	9.2		2240	0.4	1.3
10 TU	0534	2.7	8.8	20 F	0407	1.5	4.9	30 M	1108	3.5	11.5
	2001	1.1	3.6		1430	2.5	8.2		2334	0.7	2.3
								31 TU	1207	3.2	10.5

DO-SON — NOVEMBER 1972

DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.	DAY	TIME h m	Ht. m.	Ht. ft.
1	0026	1.0	3.3	11	0809	3.4	11.2	21	0412	3.3	10.8
W	1300	2.9	9.5	SA	2053	0.5	1.6	TU	1723	0.5	1.6
2	0118	1.4	4.6	12	0853	3.4	11.2	22	0507	3.7	12.1
TH	1340	2.5	8.2	SU	2127	0.6	2.0	W	1811	0.2	0.7
3	0218	1.8	5.9	13	0936	3.3	10.8	23	0602	3.9	12.8
F	1343	2.0	6.9	M	2203	0.7	2.3	TH	1902	0.0	0.0
	1910	1.9	6.2								
4	0234	2.1	6.9	14	1018	3.2	10.5	24	0657	3.9	12.8
SA	1808	1.7	5.6	TU	2239	0.9	3.0	F	1953	0.0	0.0
5	0335	2.5	8.2	15	1058	3.0	9.8	25	0752	3.9	12.8
SU	1756	1.4	4.6	W	2311	1.3	4.3	SA	2044	0.1	0.3
6	0428	2.7	8.8	16	1130	2.7	8.8	26	0846	3.7	12.1
M	1818	1.1	3.6	TH	2241	1.6	5.2	SU	2132	0.3	1.0
7	0517	3.0	9.8	17	1141	2.3	7.5	27	0938	3.5	11.5
TU	1848	0.9	3.0	F	1951	1.9	6.2	M	2219	0.6	2.0
8	0602	3.1	10.2	18	0215	2.1	6.9	28	1023	3.1	10.2
W	1920	0.7	2.3	SA	0726	1.9	6.2	TU	2300	1.0	3.3
					0910	2.0	6.6				
					1724	1.7	5.6				
9	0645	3.3	10.8	19	0235	2.5	8.2	29	1057	2.7	8.8
TH	1951	0.6	2.0	SU	1618	1.3	4.3	W	2327	1.4	4.6
10	0726	3.4	11.2	20	0320	3.0	9.8	30	1100	2.4	7.9
F	2022	0.5	1.6	M	1643	0.9	3.0	TH	2210	1.8	5.9

DO-SON								DECEMBER 1972			
DAY	TIME h m	Ht. m.	ft.	DAY	TIME h m	Ht. m.	ft.	DAY	TIME h m	Ht. m.	ft.
1	0742	2.1	6.9	11	0818	3.4	11.2	21	0514	3.9	12.8
F	1722	1.7	5.6	M	2109	0.6	2.0	TH	1803	-0.1	-0.3
2	0415	2.3	7.5	12	0854	3.2	10.5	22	0605	3.9	12.8
SA	1644	1.4	4.6	TU	2144	0.9	3.0	F	1858	-0.1	-0.3
3	0407	2.6	8.5	13	0925	2.9	9.5	23	0654	3.9	12.8
SU	1647	1.1	3.6	W	2211	1.2	3.9	SA	1952	0.0	0.0
4	0428	2.8	9.2	14	0943	2.6	8.5	24	0742	3.7	12.1
M	1712	0.8	2.6	TH	2111	1.6	5.2	SU	2043	0.3	1.0
5	0456	3.1	10.2	15	0859	2.2	7.2	25	0826	3.4	11.2
TU	1743	0.6	2.0	F	1730	1.7	5.6	M	2129	0.6	2.0
6	0528	3.3	10.8	16	0233	2.1	6.9	26	0903	3.0	9.8
W	1816	0.5	1.6	SA	1525	1.5	4.9	TU	2206	1.0	3.3
7	0559	3.4	11.2	17	0207	2.5	8.2	27	0924	2.6	8.5
TH	1849	0.4	1.3	SU	1509	1.0	3.0	W	2223	1.4	4.6
8	0632	3.5	11.5	18	0245	3.0	9.8	28	0903	2.2	7.2
F	1923	0.3	1.0	M	1539	0.6	2.0	TH	2043	1.7	5.6
9	0706	3.5	11.5	19	0332	3.4	11.2	29	0604	2.1	6.9
SA	1957	0.4	1.3	TU	1622	0.2	0.7	F	1541	1.5	4.9
10	0741	3.5	11.5	20	0422	3.7	12.1	30	0403	2.3	7.5
SU	2033	0.4	1.3	W	1711	0.0	0.0	SA	1519	1.2	3.9
								31	0343	2.6	8.5
								SU	1533	0.9	3.0

TIDAL CORRECTIONS FOR SECONDARY STATIONS

These corrections should be used with caution. If possible, make local observations of the tides and compare the actual times against the predicted times obtained by using these corrections. To improve future editions of these tidal predictions, discrepancies should be reported to the U.S. Naval Oceanographic Office, Washington, D.C. 20390.

NOTE: HIGHER HIGH WATER (HH), LOWER HIGH WATER (LH), HIGHER LOW WATER (HL), LOWER LOW WATER (LL).

NO.	STATION	LAT. N	LONG. E.	REFERENCE STATION	TIME				HEIGHT IN METERS (FEET)			
					H.		L.					
	SOUTH VIETNAM				h	m	h	m	H.H.	L.H.	H.L.	L.L.
1.	BC DE	8 43	105 16	Cap St. Jacques	+1	00	+1	20	+1.0 (+3.3)	+1.0 (+3.3)	+0.2 (+0.5)	+0.2 (+0.5)
2.	POULO-CONDORE	8 41	106 36	Cap St. Jacques	+0	10	+0	30	-0.3 (-1.0)	-0.3 (-1.0)	-0.3 (-1.0)	-0.3 (-1.0)
3.	SONG DINH, RACH DUA	10 23	107 06	Cap St. Jacques	+0	15	+0	15	+0.0 (+0.1)	+0.0 (+0.1)	+0.0 (+0.1)	+0.0 (+0.1)
4.	SOIRAP ENTRANCE	10 23	106 48	Cap St. Jacques	+1	15	+0	55	+0.4 (+1.3)	+0.4 (+1.3)	+0.3 (+0.9)	+0.3 (+0.9)
5.	CAN GIO	10 25	106 59	Cap St. Jacques	+0	40	+0	30	+0.2 (+0.6)	+0.2 (+0.6)	+0.2 (+0.5)	+0.2 (+0.5)
6.	QUATRE-BRAS	10 32	106 55	Cap St. Jacques	+0	30	+0	45	+0.4 (+1.3)	+0.4 (+1.3)	+0.3 (+1.0)	+0.3 (+1.0)
7.	CORAL BANK	10 37	106 51	Cap St. Jacques	+0	30	+1	10	+0.5 (+1.8)	+0.5 (+1.8)	+0.5 (+1.5)	+0.5 (+1.5)
8.	NHA BE	10 40	106 46	Cap St. Jacques	+0	47	+1	30	+0.8 (+2.5)	+0.8 (+2.5)	+0.6 (+1.9)	+0.6 (+1.9)

NO.	STATION	LAT. N ° '	LONG. E ° '	REFERENCE STATION	TIME H. h m	TIME L. h m	HEIGHT IN METERS (FEET) H.H.	L.H.	H.L.	L.L.
	SOUTH VIETNAM									
x 9.	SAI GON	10 47	106 42	Cap St. Jacques	+2 10	+3 00	-0.2 (-0.7)	+0.2 (+0.7)	-0.1 (-0.3)	
x 10.	THU DAU MOT	10 59	106 39	Cap St. Jacques	+4 10	+5 00	-0.6 (-2.0)			
x 11.	BIEN HOA	10 56	106 49	Cap St. Jacques	+3 40	+4 50	-0.7 (-2.3)			
x 12.	TAN UYEN	11 04	106 48	Cap St. Jacques	+4 55					
x 13.	BOIRAP	10 30	106 44	Cap St. Jacques	+0 40		-0.2 (-0.7)			
x 14.	RACH-LA ENTRANCE	10 26	106 35	Cap St. Jacques	+1 10	+2 00	-0.2 (-0.7)			
15.	CUA TIEU ENTRANCE	10 15	106 47	Cap St. Jacques	+0 50	+0 45	+0.3 (+1.1)	+0.3 (+1.1)	+0.2 (+0.8)	+0.2 (+0.8)
x 16.	MY THO	10 22	106 21	Cap St. Jacques	+1 30	+3 10	-0.5 (-1.6)			
x 17.	CAI BE	10 20	106 02	Cap St. Jacques	+2 40	+4 30	-0.8 (-2.6)			

x French Tide Tables, 1972

NO.	STATION	LAT. N	LONG. E	REFERENCE STATION	TIME				HEIGHT IN METERS (FEET)			
					H.		L.					
	SOUTH VIETNAM				h	m	h	m	H.H.	L.H.	H.L.	L.L.
x	18. CULAO TCHOUM	10 21	105 41	Cap St. Jacques	+4	50	+6	20	**			
x	19. RACH HONG NGUENTR	10 48	105 21	Cap St. Jacques	+5	40	+8	40	**			
x	20. BASSAC ENTRANCE	9 30	106 12	Cap St. Jacques	+1	15	+1	45	+1.0 (+3.3)		+0.2 (+0.7)	
x	21. BAC TRANG	9 43	106 09	Cap St. Jacques	+1	30	+2	50	+0.2 (+0.7)			
	22. CAN THO	10 02	105 47	Cap St. Jacques	+3	00	+4	35	-0.4 (-1.4)	-0.3 (-1.1)	+0.5 (+1.6)	+0.4 (+1.4)
	23. LONG XUYEN	10 24	105 26	Cap St. Jacques	+5	10	+7	00	-0.9 (-3.0)			
	24. CHAU DOC	10 43	105 07	Cap St. Jacques	+7	40	+9	30	**			
	25. CAU LON (CA MAU)	8 39	104 45	Cap St. Jacques								
	26. TAMASSU ISLAND	9 50	104 40	Cap St. Jacques								

** The extent of the tide is 3.3 to 6.6 feet at low tide.
x French Tide Tables, 1972

NO.	STATION	LAT. N		LONG. E		REFERENCE STATION	TIME				HEIGHT IN METERS (FEET)			
							H.		L.					
	SOUTH VIETNAM	°	'	°	'		h	m	h	m	H.H.	L.H.	H.L.	L.L.
27.	POINT KE GA	10	42	107	59	Cap St. Jacques	-1	24	-1	24	-0.6 (-2.0)	-0.6 (-2.0)	+0.1 (+0.3)	+0.1 (+0.3)
28.	CAPE BAKE	10	30	107	30	Cap St. Jacques	-0	31	-0	31	*0.85 *0.85	+ 0.24 + (0.8)		
29.	BEN KEO	11	15	106	07	Cap St. Jacques	+7	10	+6	45	+0.3 (+1.3)	+0.3 (+1.3)	+0.3 (+1.3)	+0.3 (+1.3)
30.	BEN LUC	10	38	106	28	Cap St. Jacques	+3	30	+3	10	-0.3 (-1.1)	-0.3 (-1.1)	-0.3 (-1.0)	-0.3 (-1.0)
31.	BEN TRE SON	10	13	106	21	Cap St. Jacques	+2	15	+2	50	+0.6 (+2.1)	+0.6 (+2.1)	+0.5 (+1.7)	+0.5 (+1.7)
32.	CAN GIOC	10	36	106	39	Cap St. Jacques	+2	30	+2	00	+0.6 (+2.1)	+0.6 (+2.1)	+0.4 (+1.2)	+0.4 (+1.2)
33.	CAO LANH	10	27	105	38	Cap St. Jacques	+5	20	+5	10	+0.7 (+2.4)	+0.7 (+2.4)	+1.0 (+3.3)	+1.0 (+3.3)
34.	CHO LACH	10	13	106	06	Cap St. Jacques	+3	00	+4	00	-0.1 (-0.3)	-0.1 (-0.3)	-0.3 (-1.0)	-0.3 (-1.0)
35.	CU LAO GIEN	10	30	105	33	Cap St. Jacques	+5	45	+5	30	+0.7 (+2.3)	+0.7 (+2.3)	+1.1 (+3.6)	+1.1 (+3.6)

*RATIO: Multiply the height of high and low water at the reference station by the ratio and then apply the correction.

NO.	STATION	LAT. N		LONG. E		REFERENCE STATION	TIME				HEIGHT IN METERS (FEET)			
							H.		L.					
	SOUTH VIETNAM						h	m	h	m	H.H.	L.H.	H.L.	L.L.
36.	DAI NGAI	9	44	106	04	Cap St. Jacques	+1	17	+2	51	+0.4 (+1.4)	+0.5 (+1.6)	+0.1 (+0.4)	+0.3 (+1.1)
37.	GO CONG	10	26	106	37	Cap St. Jacques	+1	45	+1	45	+0.5 (+1.7)	+0.5 (+1.7)	+0.4 (+1.2)	+0.4 (+1.2)
38.	MO CAY	10	07	106	20	Cap St. Jacques	+2	00	+2	40	+0.6 (+2.0)	+0.6 (+2.0)	+0.4 (+1.2)	+0.4 (+1.2)
39.	SA DEC	10	18	105	46	Cap St. Jacques								
40.	SOC TRANG	9	37	105	58	Cap St. Jacques	+2	30	+2	30	+0.1 (+0.3)	+0.1 (+0.3)	+0.1 (+0.4)	+0.1 (+0.4)
41.	TAN AN	10	32	106	25	Cap St. Jacques	+3	40	+3	58	-0.8 (-2.5)	-0.6 (-2.1)	+0.3 (+0.9)	+0.6 (+2.0)
42.	TAN CHAU	10	48	105	14	Cap St. Jacques	+7	43	+9	34	-0.3 (-1.1)	-0.2 (-0.5)	+0.1 (+0.3)	+1.7 (+5.6)
43.	TRA ON	10	24	105	25	Cap St. Jacques	+5	50	+7	00	+1.2 (+3.9)	+1.2 (+3.9)	+1.6 (+5.3)	+1.6 (+5.3)
44.	TRA VINH	9	56	106	20	Cap St. Jacques	+1	30	+2	00	+0.5 (+1.7)	+0.5 (+1.7)	+0.3 (+1.3)	+0.3 (+1.3)

NO.	STATION	LAT. N ° '	LONG. E ° '	REFERENCE STATION	TIME H. h m	TIME L. h m	HEIGHT IN METERS (FEET) H.H.	L.H.	H.L.	L.L.
	SOUTH VIETNAM									
45.	VAM NAO	10 33	105 24	Cap St. Jacques	+6 48	+8 24	-0.7 (-2.3)	-0.6 (-2.0)	-0.3 (-1.3)	+0.5 (+1.8)
46.	CHO MOI	10 33	105 24	Cap St. Jacques	+6 48	+8 24	-0.7 (-2.3)	-0.6 (-2.0)	-0.3 (-1.3)	+0.5 (+1.8)
47.	PHUNG HIEP	9 48	105 50	Cap St. Jacques	+4 22	+5 21	-0.7 (-2.4)	-0.6 (-2.1)	-0.8 (-2.7)	+0.0 (+0.1)
48.	MOC HOA	10 46	105 56	Cap St. Jacques	+8 53	+8 48	+0.2 (+0.5)	+0.3 (+1.0)	+0.8 (+2.7)	+1.8 (+6.0)
49.	GO DAU HA	11 05	106 16	Cap St. Jacques	+7 28	+7 12	-1.2 (-4.0)	-1.0 (-3.4)	-0.5 (-1.7)	+0.5 (+1.6)

NO.	STATION	LAT. N	LONG. E	REFERENCE STATION	TIME				HEIGHT IN METERS (FEET)			
					H.		L.					
	CAMBODIA				h	m	h	m	H.H.	L.H.	H.L.	L.L.
x 50.	PHNOM PENH	11 34	104 56	Cap St. Jacques	+09	30	+12	30	**			
x 51.	KOMPONG LUONG	11 50	104 48	Cap St. Jacques	+10	40	+13	40	**			
	CENTRAL VIETNAM											
52.	PHAN THIET	10 55	108 06	Cap St. Jacques	-1	35	-1	35	-0.6 (-2.0)	-0.6 (-2.0)		
53.	POINT LAGAN	11 10	108 42	Qui-Nhon	+0	20	+0	20	-0.2 (-0.7)	-0.2 (-0.7)	-0.2 (-0.7)	-0.2 (-0.7)
54.	POULO CECIR DE MER	10 32	108 56	Qui-Nhon	0	00	0	00	+0.5 (+1.7)	+0.5 (+1.7)	+0.5 (+1.7)	+0.5 (+1.7)
55.	CAPE PADARAN	11 22	109 01	Qui-Nhon	0	00	0	00	+0.1 (+0.3)	+0.1 (+0.3)	+0.0 (+0.1)	+0.0 (+0.1)
56.	CAM RANH	11 53	109 11	Qui-Nhon	+0	13	+0	13	+0.2 (+0.7)	+0.2 (+0.7)	+0.1 (+0.3)	+0.1 (+0.3)
57.	NHA TRANG	12 15	109 12	Qui-Nhon	0	00	0	00	0.0	0.0	0.0	0.0
58.	PORT DAYOT	12 39	109 23	Qui-Nhon	+0	11	+0	11	0.0	0.0	0.0	0.0

** The extent of the tide is from 1.0 to 1.6 feet at low tide.

x French Tide Tables, 1972

NO.	STATION	LAT. N		LONG. E		REFERENCE STATION	TIME				HEIGHT IN METERS (FEET)			
							H.		L.					
	CENTRAL VIETNAM						h	m	h	m	H.H.	L.H.	H.L.	L.L.
59.	VUNG RO	12	52	109	25	Qui-Nhon	+0	18	+0	18	0.0	0.0	0.0	0.0
60.	XUAN DAY	13	23	109	16	Qui-Nhon	-0	05	-0	05	0.0	0.0	0.0	0.0
61.	KIKUIK	15	24	108	46	Da Nang	-0	40	-0	30	+0.3 (+1.0)	+0.3 (+1.0)	+0.1 (+0.3)	+0.1 (+0.3)
62.	CULAO CHAM	15	57	108	30	Da Nang	-0	29	-0	20	+0.2 (+0.7)	+0.2 (+0.7)	(0.0)	(0.0)
63.	CHON MAY	16	20	108	00	Da Nang	+0	41	+0	18	-0.2 (-0.7)	-0.2 (-0.7)	(0.0)	(0.0)
64.	THUAN AN	16	35	107	37	Da Nang	+1	02	+1	02				
65.	DONG HOI	17	30	106	37	Da Nang	+1	33	+1	33				
66.	CAP BUONG QUIOUA	17	57	106	31	Da Nang	+1	46	+1	46				
	NORTH VIETNAM													
67.	CUA NAM TRIEU	20	46	106	50	Do-Son	0	00	+0	44	0.0	0.0	0.0	0.0
68.	HAIPHONG	20	52	106	41	Do-Son	+1	00	+1	00	0.0	0.0	0.0	0.0
69.	APOWAN (CAT BA)	20	43	107	03	Do-Son	0	00	0	00	0.0	0.0	0.0	0.0

I.O.	STATION	LAT. N	LONG. E	REFERENCE STATION	TIME				HEIGHT IN METERS (FEET)			
					H.		L.					
	NORTH VIETNAM				h	m	h	m	H.H.	L.H.	H.L.	L.L.
70.	HONGAY	20 57	107 04	Do-Son	0	00	0	00	+0.1 (+0.3)	+0.1 (+0.3)	(0.0)	(0.0)
71.	ILE NORWAY	20 37	107 09	Do-Son	-0	00	0	05	0.0	0.0	0.0	0.0
72.	CAM PHA	21 01	107 22	Do-Son	+0	18	-1	02	+0.2 (+0.7)	+0.2 (+0.7)	+0.2 (+0.7)	+0.2 (+0.7)
73.	KEBAO	21 07	107 28	Do-Son	+0	30	-0	50			+0.2 (+0.7)	+0.2 (+0.7)
74.	TSIENG MUN	21 08	107 38	Do-Son	+0	20	-1	10	+0.6 (+2.0)	+0.6 (+2.0)	+0.4 (+1.3)	+0.4 (+1.3)
75.	SHA PAK WAN	21 00	107 45	Do-Son	+0	10	-1	25	+0.3 (+1.0)	+0.3 (+1.0)	+0.1 (+0.3)	+0.1 (+0.3)
76.	LO CHUC SAN	21 14	107 58	Do-Son	+0	14	-1	58	+0.6 (+2.0)	+0.6 (+2.0)	+0.3 (+1.0)	+0.3 (+1.0)

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13. ABSTRACT

At the request of COMNAVFORV, the U.S. Naval Branch Oceanographic Office, Saigon, prepared tidal predictions for Vietnam for 1967 and 1968. Since 1969, the tables were prepared at the Naval Oceanographic Office, Washington, D.C. The 1972 tide tables contain the predicted times and heights of the high and low waters for each day at Cap Saint-Jacques, Qui Nhon, Da Nang (Tourane), and Do Son.

14 KEY WORDS	LINK A		LINK B		LINK C	
	ROLE	WT	ROLE	WT	ROLE	WT
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Cap Saint-Jacques						
Qui Nhon						
Da Nang (Tourane)						
Do Son						